

**KRPAN<sup>®</sup>**  
reliably **stronger**





Company **PIŠEK-Vitli KR PAN** was founded in **1977** and is today one of the most globally recognized companies in the forestry machinery industry. Our flagship product is the forestry winch. The production program also includes other forestry machinery, such as forestry trailers with cranes, log splitters, firewood processors, circular saws with conveyor belts, firewood bundlers, tractor tipper boxes, grabs and other forestry machinery. All machines, which are intended for professional as well as home users, are the result of our **own development**, many years of experience and testing of operation in the most difficult conditions. The high-tech company invests a lot of resources in digitization and automation. The production process is robotic and computer controlled with the latest technology. Our machines have a **3-year warranty**.

**KR PAN**®  
reliably **stronger**

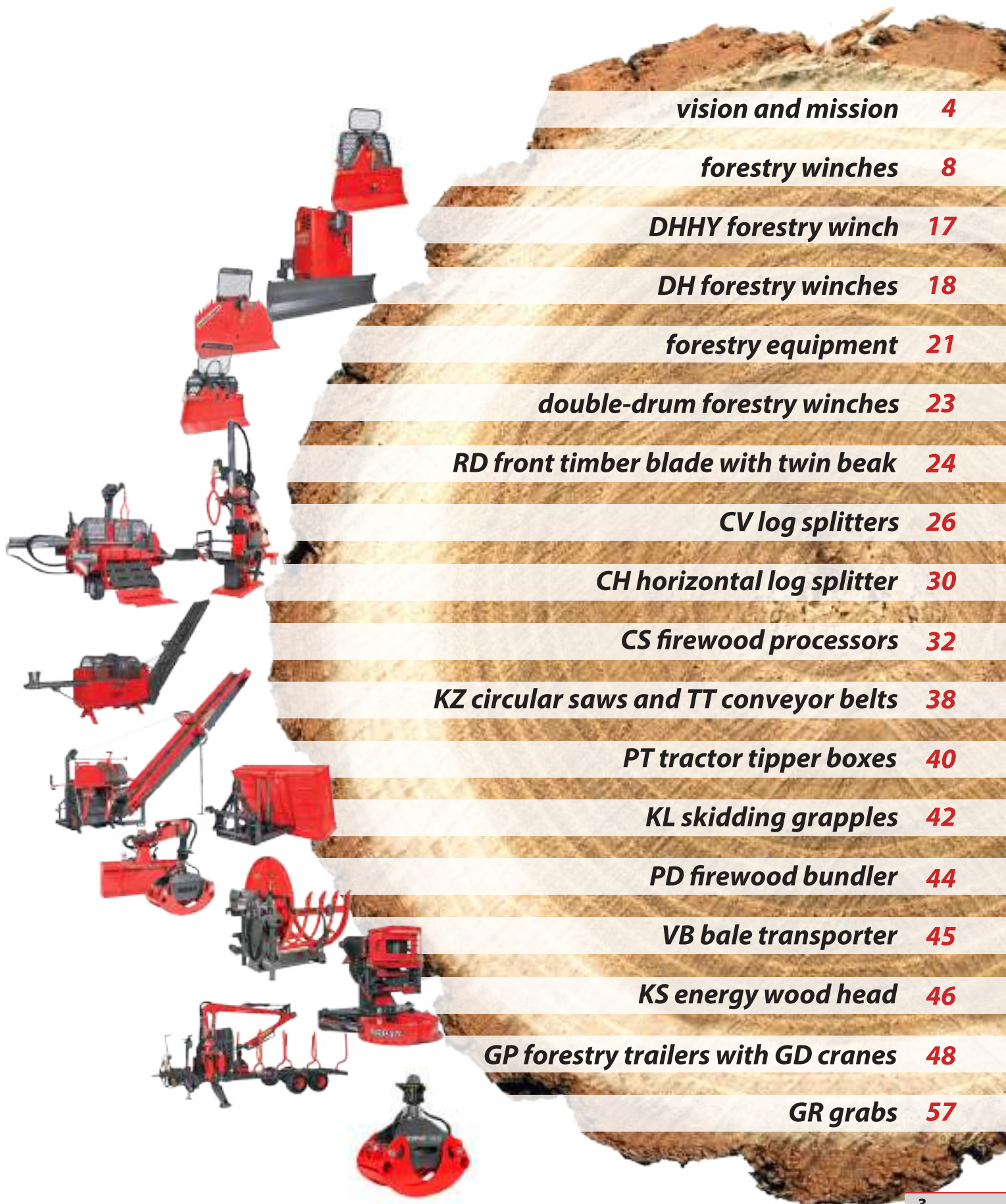


**100 %**  
*efficient  
end  
inspection.*



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# vision and mission

Following its motto: "Together we will succeed", the company became a highly technologically developed enterprise with well-established position on the market.

All product sub-parts are manufactured internally, and the quality of production as well as of the materials used is controlled effectively. As a result, the company offers long life, robust machines, essential to all forestry operations.

The vision is to remain a flexible development company that listens to its customers and follows their suggestions in the machinery development process. At the same time, the goal is to maintain a friendly and motivating working environment and to assure a long-term development of the company.



Plasma cutting of sheet metal



Laser cutting of sheet metal



Robot bending



Chain wheel production



Milling, turning



**3** YEAR WARRANTY





# KRPAN®

reliably stronger



Robotic welding



Robotic welding



Sandblasting



Powder coating



Modern assembly line

The company regularly takes part in exhibitions, fairs, and assessment events in Slovenia and abroad. Continuous acknowledgements, awards and commendations show us that we are on the right way and that we do our work well. Furthermore, these recognitions promote continuous development and innovative solutions.

The positive feedback from our clients, who are satisfied with KRPAN products and trust them, show just how reliable partner the company is. And our wish is to remain such – **reliably stronger**.



Craftsman of 2005



Entrepreneur of the year 2016



German KWF Innovation Award 2016

**100 % efficient  
end inspection.**





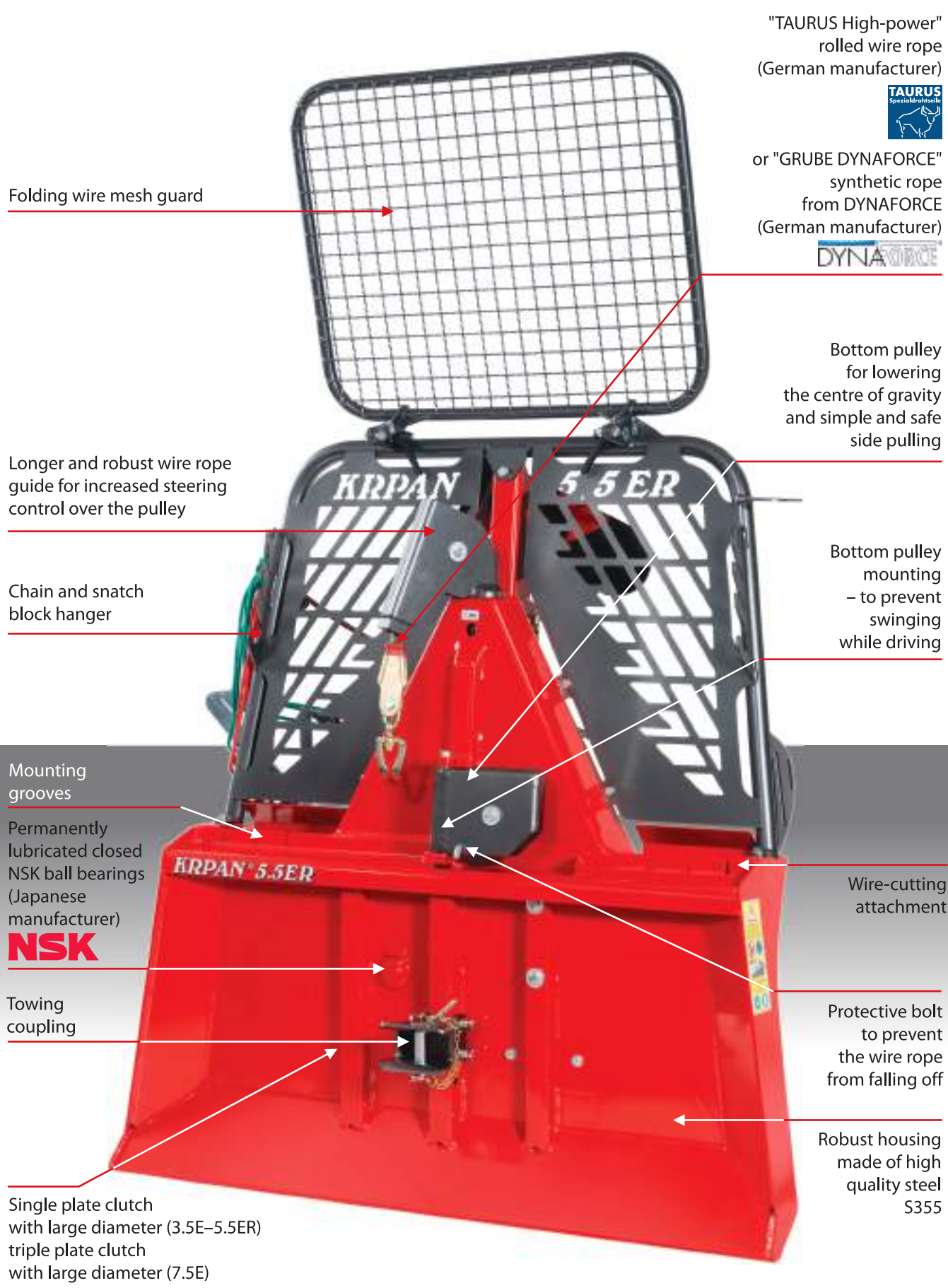








# detailed description of the **E** and **ER** series winch



"TAURUS High-power"  
rolled wire rope  
(German manufacturer)



or "GRUBE DYNAFORCE"  
synthetic rope  
from DYNAFORCE  
(German manufacturer)



Folding wire mesh guard

Bottom pulley  
for lowering  
the centre of gravity  
and simple and safe  
side pulling

Longer and robust wire rope  
guide for increased steering  
control over the pulley

Bottom pulley  
mounting  
– to prevent  
swinging  
while driving

Chain and snatch  
block hanger

Mounting  
grooves

Wire-cutting  
attachment

Permanently  
lubricated closed  
NSK ball bearings  
(Japanese  
manufacturer)



Protective bolt  
to prevent  
the wire rope  
from falling off

Towing  
coupling

Robust housing  
made of high  
quality steel  
S355

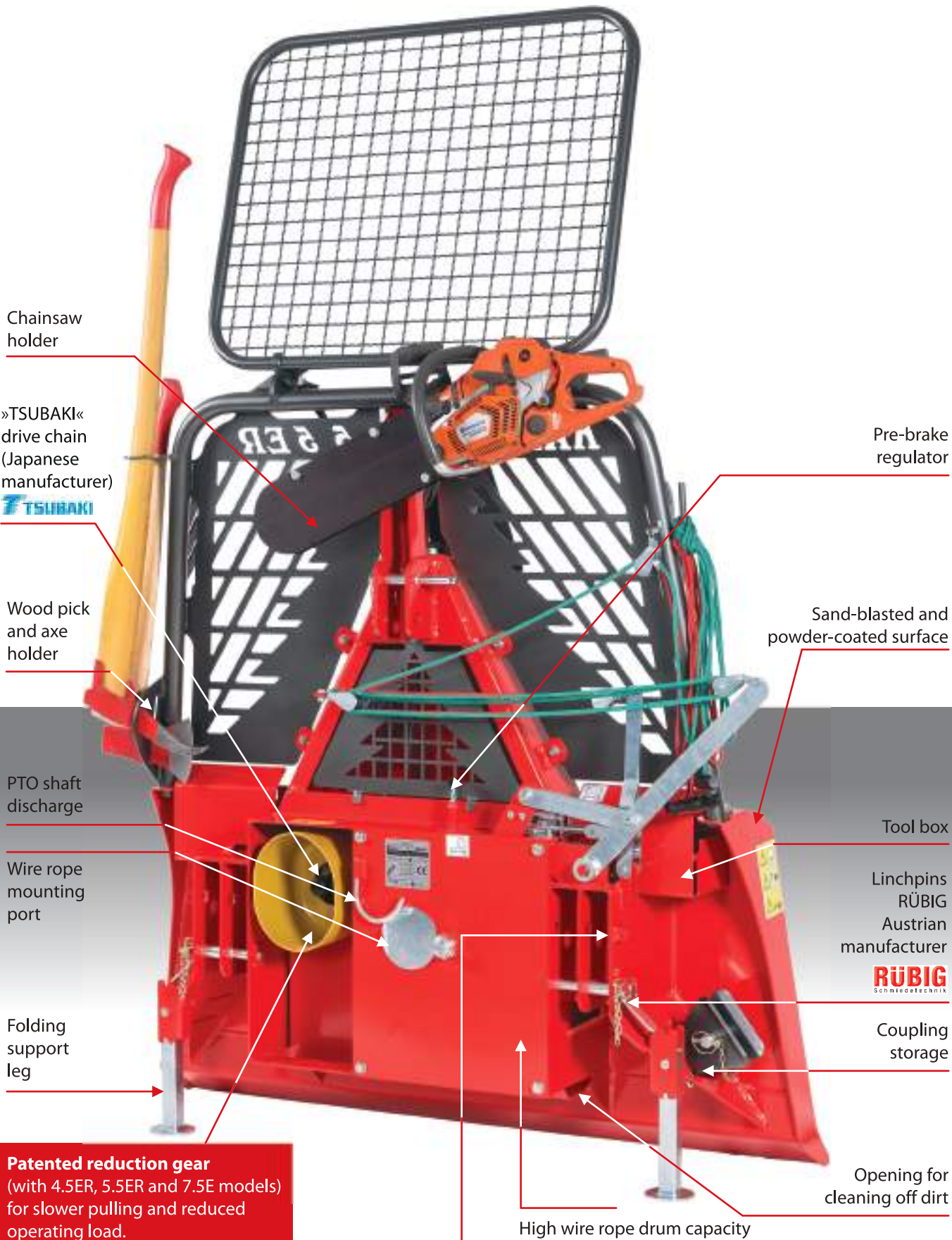
Single plate clutch  
with large diameter (3.5E–5.5ER)  
triple plate clutch  
with large diameter (7.5E)





**3** YEAR WARRANTY

**KR PAN**<sup>®</sup>  
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Chainsaw holder

»TSUBAKI« drive chain  
(Japanese manufacturer)  
**TSUBAKI**

Wood pick and axe holder

PTO shaft discharge

Wire rope mounting port

Folding support leg

Pre-brake regulator

Sand-blasted and powder-coated surface

Tool box

Linchpins RÜBIG Austrian manufacturer

**RÜBIG**  
SCHMIEDETECHNIK

Coupling storage

Opening for cleaning off dirt

High wire rope drum capacity

Several attachment options for different size tractors

**Patented reduction gear**  
(with 4.5ER, 5.5ER and 7.5E models)  
for slower pulling and reduced operating load.  
Simple drive chain replacement.

# E and ER series forestry winches



**KR PAN 4,5E**

**KR PAN 4,5ER**



**KR PAN 3,5E**

| TYPE                       | KR PAN 3,5E         | KR PAN 4,5E         | KR PAN 4,5ER        |
|----------------------------|---------------------|---------------------|---------------------|
| Pulling Capacity           | 35 kN (3,5t)        | 45 kN (4,5t)        | 45 kN (4,5t)        |
| Brake Capacity             | 43,7 kN             | 56 kN               | 56 kN               |
| Average Winching Speed     | 0,9 m/s             | 0,9 m/s             | 0,6 m/s             |
| Standard Wire Rope Length  | 70 m / 8 mm         | 70 m / 9 mm         | 70 m / 9 mm         |
| Maximum Wire Rope Length   | 100 m / 8 mm        | 130 m / 9 mm        | 130 m / 9 mm        |
| Recommended Tractor Power  | 15-33 kW / 20-45 HP | 24-39 kW / 33-53 HP | 24-39 kW / 33-53 HP |
| Width                      | 1210 mm             | 1415 mm             | 1415 mm             |
| Depth                      | 450 mm              | 490 mm              | 490 mm              |
| Height with Wire Guard     | 2100 mm             | 2300 mm             | 2300 mm             |
| Height without Wire Guard  | 1320 mm             | 1480 mm             | 1480 mm             |
| Weight (without Wire Rope) | 258 kg              | 339 kg              | 349 kg              |
| Mounting Category          | I.                  | I., II.             | I., II.             |
| Bottom Pulley              | standard            | standard            | standard            |
| Towing Coupling            | standard            | standard            | standard            |
| Hydraulic Pulley           | /                   | /                   | /                   |
| Radio Remote Control       | /                   | /                   | /                   |





**3** YEAR WARRANTY

**KR PAN®**  
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**KR PAN 5,5ER**

**KR PAN 7,5E**

**KR PAN 5,5E**

| TYPE                       | KR PAN 5,5E         | KR PAN 5,5ER        | KR PAN 7,5E             |
|----------------------------|---------------------|---------------------|-------------------------|
| Pulling Capacity           | 55 kN (5,5t)        | 55 kN (5,5t)        | 75 kN (7,5t)            |
| Brake Capacity             | 69 kN               | 69 kN               | 94 kN                   |
| Average Winching Speed     | 0,9 m/s             | 0,6 m/s             | 0,6 m/s                 |
| Standard Wire Rope Length  | 70 m / 10 mm        | 70 m / 10 mm        | 80 m / 12 mm            |
| Maximum Wire Rope Length   | 100 m / 10 mm       | 100 m / 10 mm       | 100 m / 12 mm           |
| Recommended Tractor Power  | 33-48 kW / 45-65 HP | 33-48 kW / 45-65 HP | from 44 kW / from 70 HP |
| Width                      | 1515 mm             | 1515 mm             | 1620 mm*                |
| Depth                      | 490 mm              | 490 mm              | 660 mm                  |
| Height with Wire Guard     | 2300 mm             | 2300 mm             | 2300 mm                 |
| Height without Wire Guard  | 1580 mm             | 1580 mm             | 1770 mm                 |
| Weight (without Wire Rope) | 351 kg              | 364 kg              | 584 kg                  |
| Mounting Category          | I., II.             | I., II.             | II., III.               |
| Bottom Pulley              | standard            | standard            | standard                |
| Towing Coupling            | standard            | standard            | standard                |
| Hydraulic Pulley           | /                   | /                   | /                       |
| Radio Remote Control       | /                   | /                   | /                       |

\*possibility of extending by 200 mm



# detailed description of the EH series winch

»TAURUS High-power«  
rolled wire rope  
(German manufacturer)



or »GRUBE DYNAFORCE«  
synthetic rope  
from DYNAFORCE  
(German manufacturer)



Chain and snatch  
block hanger

Large distance  
between the drum  
and upper pulley for  
winding the rope  
tightly and neatly

Mounting  
grooves

Folding wire  
mesh guard

**Patented hydraulic pulley  
with stop switch** holds the  
wire rope always under  
tension to the drum, which  
improves the quality of  
winding (optional)

Bottom pulley for  
optional lowering the  
centre of gravity and  
simple and safer  
side pulling

Wire-cutting  
attachment

Retaining pin to  
prevent the wire  
rope from falling off

Towing coupling

Robust housing  
made of high  
quality steel  
S355

**Hydraulically  
folding butt plate,**  
(7,5 EH; 9,5 EH)

**Patented axially movable chain wheel**  
for assistance in pulling on challenging  
terrains – enables quick braking  
(no decrease in power)

Single plate clutch  
with large diameter (4.5EH-5.5EH)  
triple plate clutch  
with large diameter (6.5EH-9.5EH)

Permanently lubricated  
closed NSK ball bearings  
(Japanese manufacturer)



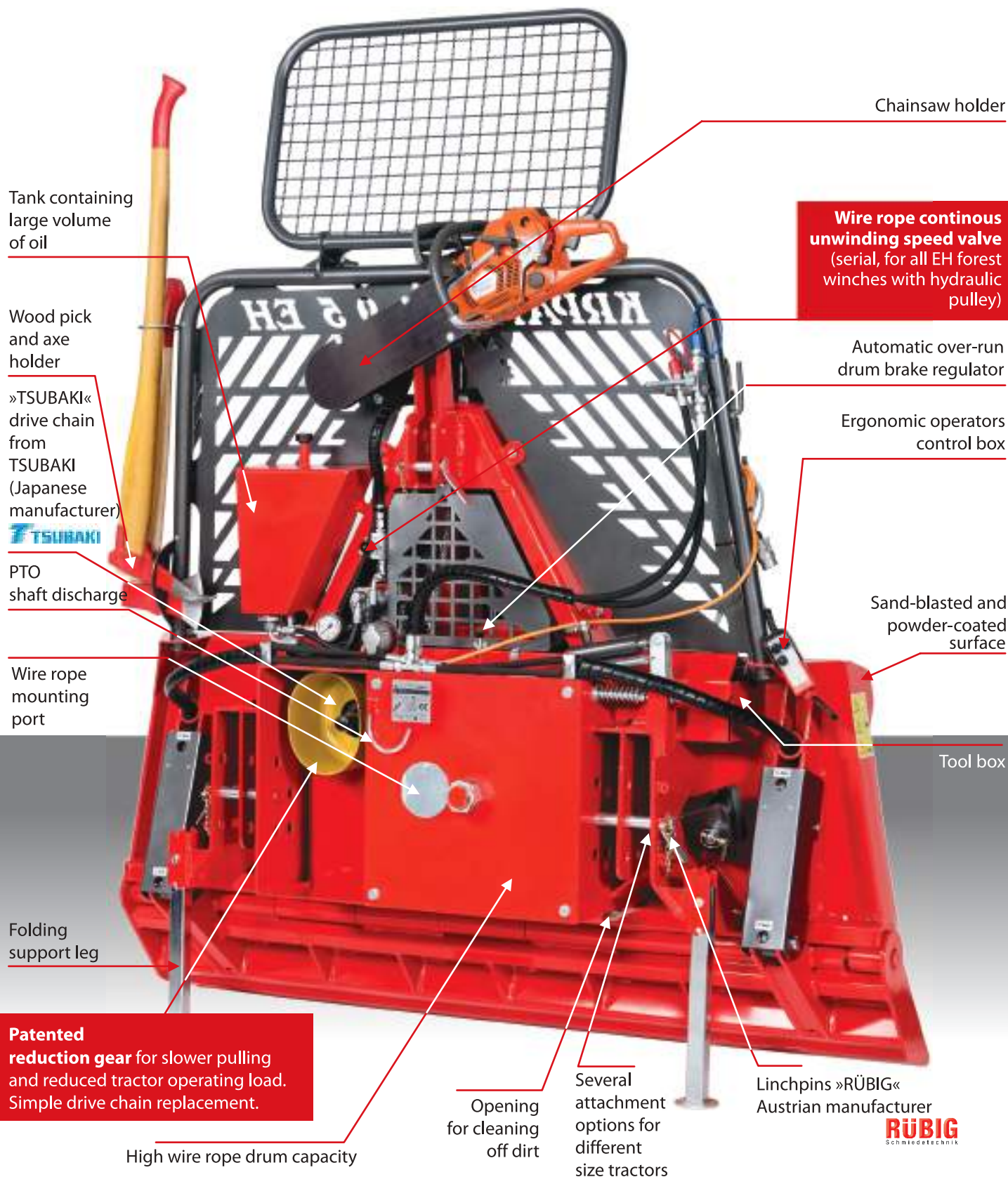
Wear-resistant blade made  
of fine-grained steel HARDOX 450  
of Swedish manufacturer  
**SSAB**





**3** YEAR WARRANTY

**KR PAN**<sup>®</sup>  
reliably stronger



**RÜBIG**  
Schmiedetechnik



ELCA remote control, 8 functions, Italian manufacturer



TERRA remote control, 8 functions, German manufacturer



Inclination sensor module BIASTEC; Austrian manufacturer



# EH series forestry winches



**KR PAN 4,5EH**



**KR PAN 5,5EH**

| TYPE                                       | KR PAN 4,5EH           | KR PAN 5,5EH           |
|--|------------------------|------------------------|
| Pulling Capacity                           | 45 kN (4,5t)           | 55 kN (5,5t)           |
| Brake Capacity                             | 56 kN                  | 69 kN                  |
| Average Winching Speed                     | 0,6 m/s                | 0,6 m/s                |
| Standard Wire Rope Length                  | 70 m / 9 mm            | 70 m / 10 mm           |
| Maximum Wire Rope Length                   | 130 m / 9 mm           | 100 m / 10 mm          |
| Recommended Tractor Power                  | 24-39 kW /<br>33-53 HP | 33-48 kW /<br>45-65 HP |
| Width                                      | 1415 mm                | 1515 mm*               |
| Depth                                      | 490 mm                 | 490 mm                 |
| Height with Wire Guard                     | 2300 mm                | 2300 mm                |
| Height without Wire Guard                  | 1480 mm                | 1580 mm                |
| Weight (without Wire Rope)                 | 387 kg                 | 413 kg                 |
| Mounting Category                          | I., II.                | I., II.                |
| Bottom Pulley                              | standard               | standard               |
| Towing Coupling                            | standard               | standard               |
| Hydraulic Pulley                           | optional               | optional               |
| Wire Rope Continuous Unwinding Speed Valve | standard**             | standard**             |
| Radio Remote Control                       | optional               | optional               |
| Folding Butt Plate                         | /                      | /                      |







**3** YEAR WARRANTY

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**KRPAN 6,5EH**



**KRPAN 8,5EH**



| TYPE                                       | KRPAN 6,5EH          | KRPAN 8,5EH              |
|--|----------------------|--------------------------|
| Pulling Capacity                           | 65 kN (6,5t)         | 85 kN (8,5t)             |
| Brake Capacity                             | 81 kN                | 106 kN                   |
| Average Winching Speed                     | 0,6 m/s              | 0,6 m/s                  |
| Standard Wire Rope Length                  | 80 m / 11 mm         | 100 m / 13 mm            |
| Maximum Wire Rope Length                   | 120 m / 11 mm        | 110 m / 13 mm            |
| Recommended Tractor Power                  | 44-66 kW<br>60-90 HP | from 59 kW<br>from 80 HP |
| Width                                      | 1620 mm*             | 1820 mm*                 |
| Depth                                      | 660 mm               | 710 mm                   |
| Height with Wire Guard                     | 2300 mm              | 2300 mm                  |
| Height without Wire Guard                  | 1770 mm              | 1770 mm                  |
| Weight (without Wire Rope)                 | 621 kg               | 684 kg                   |
| Mounting Category                          | II., III.            | II., III.                |
| Bottom Pulley                              | standard             | standard                 |
| Towing Coupling                            | standard             | standard                 |
| Hydraulic Pulley                           | optional             | optional                 |
| Wire Rope Continuous Unwinding Speed Valve | standard**           | standard**               |
| Radio Remote Control                       | optional             | optional                 |
| Folding Butt Plate                         | /                    | /                        |

\*the possibility of extending by 200 mm  
\*\*with EH model with hydraulic pulley



# EH series forestry winches



**KRPA 5,5FEH**

**KRPA 7,5EH**

**KRPA 9,5EH**

| TYPE                                       | KRPA 5,5FEH         | KRPA 7,5EH           | KRPA 9,5EH              |
|--|---------------------|----------------------|-------------------------|
| Pulling Capacity                           | 55 kN (5,5t)        | 75 kN (7,5t)         | 95 kN (9,5t)            |
| Brake Capacity                             | 69 kN               | 94 kN                | 119 kN                  |
| Average Winching Speed                     | 0,9 m/s             | 0,6 m/s              | 0,6 m/s                 |
| Standard Wire Rope Length                  | 70 m / 10 mm        | 100 m / 12 mm        | 100 m / 14 mm           |
| Maximum Wire Rope Length                   | 100 m / 10 mm       | 100 m / 12 mm        | 100 m / 14 mm           |
| Recommended Tractor Power                  | 33-48 kW / 45-65 HP | 51-73 kW / 70-100 HP | from 66 kW / from 90 HP |
| Width                                      | 1515 mm*            | 1820 mm              | 2020 mm*/**             |
| Depth                                      | 490 mm              | 660 mm               | 710 mm                  |
| Height with Wire Guard                     | 2300 mm             | 2350 mm              | 2350 mm                 |
| Height without Wire Guard                  | 1800 mm             | 1880 mm              | 1880 mm                 |
| Weight (without Wire Rope)                 | 452 kg              | 786 kg               | 840 kg                  |
| Mounting Category                          | I., II., front      | II., III.            | II., III.               |
| Bottom Pulley                              | standard            | standard             | standard                |
| Towing Coupling                            | standard            | standard             | standard                |
| Hydraulic Pulley                           | optional            | standard             | standard                |
| Wire Rope Continuous Unwinding Speed Valve | standard***         | standard             | standard                |
| Radio Remote Control                       | optional            | optional             | optional                |
| Folding Butt Plate                         | /                   | standard             | standard                |

## 7,5 EH and 9,5 EH professional models with a folding butt plate

- large distance of winch from the ground - advantage on rugged terrain
- easier towing of logs as they lean against the butt plate
- logs do not lean against the winch which proves to be an advantage while steering
- hydraulic pulley standard

## Combined winch for front or rear hydraulic attachment (5,5 FEH)

A special reduction gear reverses the rotation direction and decreases the RPM from 1000 to 540 min<sup>-1</sup>.

# DHHY forestry winch

**KR PAN**<sup>®</sup>  
reliably stronger



**KR PAN 8,5 DHHY**

| TYPE                                   | KR PAN 6,5 DHHY        | KR PAN 8,5 DHHY        |
|--|------------------------|------------------------|
| Constant Pulling Power                 | 65 kN (6,5 t) constant | 85 kN (8,5 t) constant |
| Brake Power                            | 81 kN                  | 106 kN                 |
| Drive                                  | Hydrodrive             | Hydrodrive             |
| Standard Wire Rope Length              | 120 m / 11 mm          | 120 m / 13 mm          |
| Max. Wire Rope Length                  | 190 m / 11 mm          | 130 m / 13 mm          |
| Wire rope speed                        | Infinitely adjustable  | Infinitely adjustable  |
| Hydromotor pressure to drive the winch | 180 bar                | 240 bar                |
| Recommended oil flow of hydromotor     | 200 (l/min)            | 200 (l/min)            |
| Hydraulic Pulley                       | standard               | standard               |
| Pulley speed valve                     | standard               | standard               |
| Remote Control                         | optional               | optional               |
| Differential Drive                     | standard               | standard               |
| Operating pressure                     | 185 bar                | 195 bar                |
| Max. hydromotor pressure               | 300 bar                | 300 bar                |
| Max. oil flow of hydromotor            | 250 (l/min)            | 250 (l/min)            |
| Width                                  | 773 mm                 | 773 mm                 |
| Depth                                  | 935 mm                 | 935 mm                 |
| Height                                 | 1155 mm                | 1155 mm                |
| Weight without Wire Rope               | 853 kg                 | 853 kg                 |
| Timber blade                           | optional               | optional               |
| Mounting Category                      | II.                    | II.                    |



**new winch KR PAN 6.5 DHHY and 8.5 DHHY with hydraulic drive and constant pulling power.**

Possibility of mounting on: harvesters, excavators, municipal tractors special machines, etc.





# detailed description of the DH series winch

Folding wire mesh guard

»TAURUS High-power«  
rolled wire rope  
(German manufacturer)



Radio remote control TERRA  
with inclination sensor module

Chainsaw holder

Pivoting hydraulic  
pulley

Chain and snatch  
block hanger

Permanently  
lubricated closed  
NSK ball bearings  
(Japanese  
manufacturer)  
**NSK**

Plain butt  
plate  
(no wood  
jam)

Coupling

**constant pulling power**

**Hydraulically folding  
butt plate (optional)**

Sand-blasted and  
powder-coated surface

Wear-resistant blade made  
of fine-grained steel  
HARDOX 450  
of Swedish manufacturer  
**SSAB**

Four plate clutch  
with large  
diameter



**3** YEAR WARRANTY

**KR PAN**<sup>®</sup>  
reliably stronger

Wire rope brake for even winding

Tank containing large volume of oil

Pressing roller for even winding of the wire rope

Wire rope continuous unwinding speed valve

Folding support leg

Helical bevel gear enables 98 % drive efficiency (lower fuel consumption)

Central positioning of the P.T.O. shaft attachment (lower load on drive components and on P.T.O. shaft)

Patented swivel feed arm for even wire rope winding with hydraulic pulley with stop switch

Wood pick and axe holder

High wire rope drum capacity

Patented safety mechanism to stop rope winding when the drum is full

Large tool box

Coupling storage

Patented hydraulic system with pressure regulator for constant pulling power

Several attachment options for different size tractors

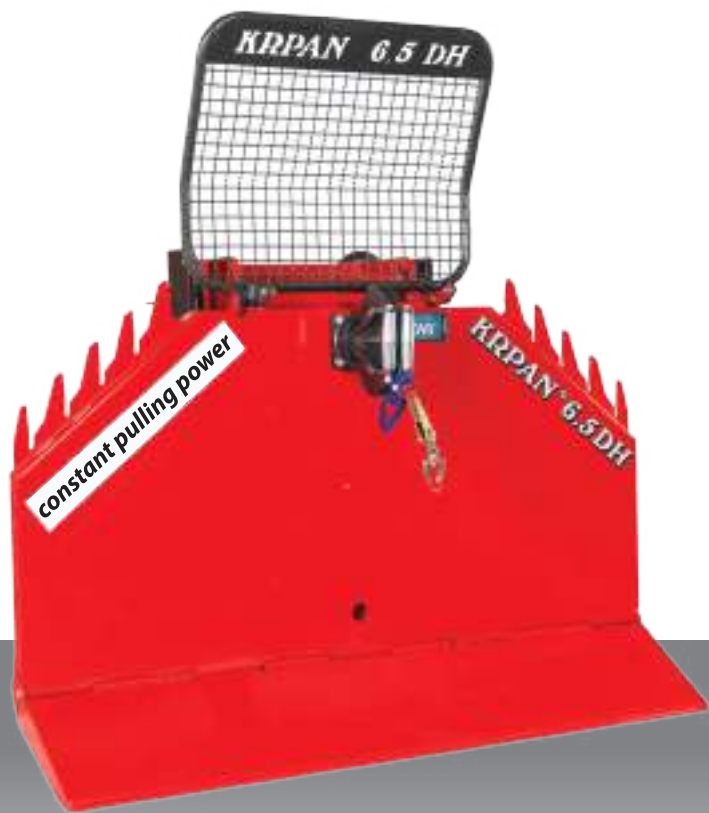
Linchpins »RÜBIG« Austrian manufacturer

**RÜBIG**  
Schweißtechnik





# DH series forestry winches



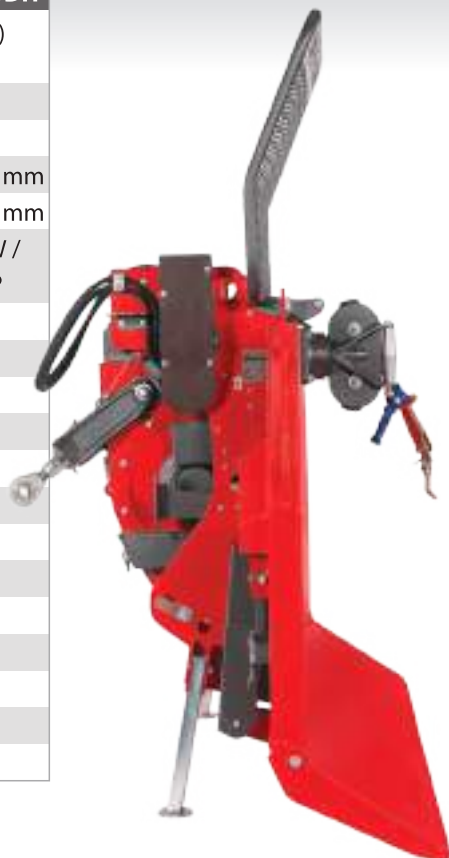
**KR PAN 6,5DH**



**KR PAN 8,5DH**



| TYPE                                       | KR PAN 6,5DH               | KR PAN 8,5DH               |
|--|----------------------------|----------------------------|
| Pulling Power                              | 65 kN (6,5t)<br>constant   | 85 kN (8,5t)<br>constant   |
| Brake Power                                | 162 kN                     | 212 kN                     |
| Average Wire Rope Speed                    | 0,5 m/s                    | 0,5 m/s                    |
| Standard Wire Rope Length                  | 120 m / 11 mm              | 120 m / 13 mm              |
| Max. Wire Rope Length                      | 190 m / 11 mm              | 130 m / 13 mm              |
| Required Tractor Power                     | from 48 kW /<br>from 65 HP | from 62 kW /<br>from 85 HP |
| Width                                      | 1800 mm*                   | 1800 mm*                   |
| Depth                                      | 660 mm                     | 660 mm                     |
| Height Including Wire Guard                | 2300 mm                    | 2300 mm                    |
| Height without Wire Guard                  | 1800 mm                    | 1800 mm                    |
| Weight without Wire Rope                   | 734 kg                     | 834 kg                     |
| Coupling Category                          | II., III.                  | II., III.                  |
| Bottom Pulley                              | /                          | /                          |
| Coupling                                   | standard                   | standard                   |
| Hydraulic Pulley                           | standard                   | standard                   |
| Remote Control                             | standard                   | standard                   |
| Wire Rope Continuous Unwinding Speed Valve | optional                   | optional                   |
| Differential Drive                         | standard                   | standard                   |
| Hydraulically Folding Butt Plate           | optional                   | optional                   |



\*Possibility of extending by 200 mm, 400 mm



## Keyhole Sliders, Rope End Caps

| TYPE                      | CAPACITY | WIRE ROPE DIAMETER | WEIGHT |
|---------------------------|----------|--------------------|--------|
| Keyhole Slider POK        | 50 kN    | 8 mm – 13 mm       | 0,6 kg |
| Keyhole Slider "V" VERIGA | 100 kN   | 11 mm – 13 mm      | 1,1 kg |
| Rope End Cap Type 1 POK   | 90 kN    | 11 mm – 13 mm      | 1,4 kg |
| Rope End Cap Type 3 POK   | 50 kN    | 8 mm – 10 mm       | 1,1 kg |

## Snatch Blocks and Accessories

| TYPE                      | CAPACITY | WIRE ROPE DIAMETER | WEIGHT |
|---------------------------|----------|--------------------|--------|
| Snatch Block 140 – 15 POK | 40 kN    | 8 mm – 11 mm       | 6,5 kg |
| Snatch Block 140 – 18 POK | 60 kN    | 11 mm – 14 mm      | 8,5 kg |
| Snatch Block KRPAN-5,5 t  | 55 kN    | 8 mm – 11 mm       | 5,5 kg |
| Snatch Block KRPAN-11 t   | 110 kN   | 11 mm – 14 mm      | 7,1 kg |

| TYPE                    | DESCRIPTION        | WEIGHT |
|-------------------------|--------------------|--------|
| Round Sling WLL 4000 kg | usable length = 3m | 3,0 kg |
| Round Sling WLL 8000 kg | usable length = 3m | 6,0 kg |
| Bow Shackle 6.5t        | 25 mm Ø pin        | 1,5 kg |

## "PEWAG" JOKER choker chains– square section

| TYPE           | DIAMETER | BREAKING FORCE | LENGTH | WEIGHT |
|----------------|----------|----------------|--------|--------|
| PEWAG, V 7-2   | 7 mm     | 72 kN          | 2 m    | 3,2 kg |
| PEWAG, V 7-2.5 | 7 mm     | 72 kN          | 2,5 m  | 3,5 kg |
| PEWAG, V 8-2.5 | 8 mm     | 96 kN          | 2,5 m  | 5,5 kg |
| PEWAG, V 8-3   | 8 mm     | 96 kN          | 3 m    | 6,7kg  |

V 7-2, V 7-2.5 (chains suitable for a 3,5-5,5 t winch) V 8-2,5, V 8-3 (chains suitable for a 6,5-8,5 t winch)

## "WALTERSCHEID" PTO shafts

| TYPE                  | CROSS | LENGTH | WEIGHT  |
|-----------------------|-------|--------|---------|
| WALTERSCHEID W 2300 E | 27 mm | 560 mm | 9,1 kg  |
| WALTERSCHEID W 2400 E | 32 mm | 560 mm | 12,6 kg |

W 2300 – suitable for 3,5-5,5 t winches  
W 2400 – suitable for 6,5-9,5 t winches

| TYPE                                 | WEIGHT |
|--------------------------------------|--------|
| Wood Pick, helved, 1,2 kg, BIZOVIČAR | 1,2 kg |
| Wood Pick, helved, 2,0 kg, BIZOVIČAR | 2,0 kg |
| Axe with Handle, 1,5 kg, BIZOVIČAR   | 1,5 kg |

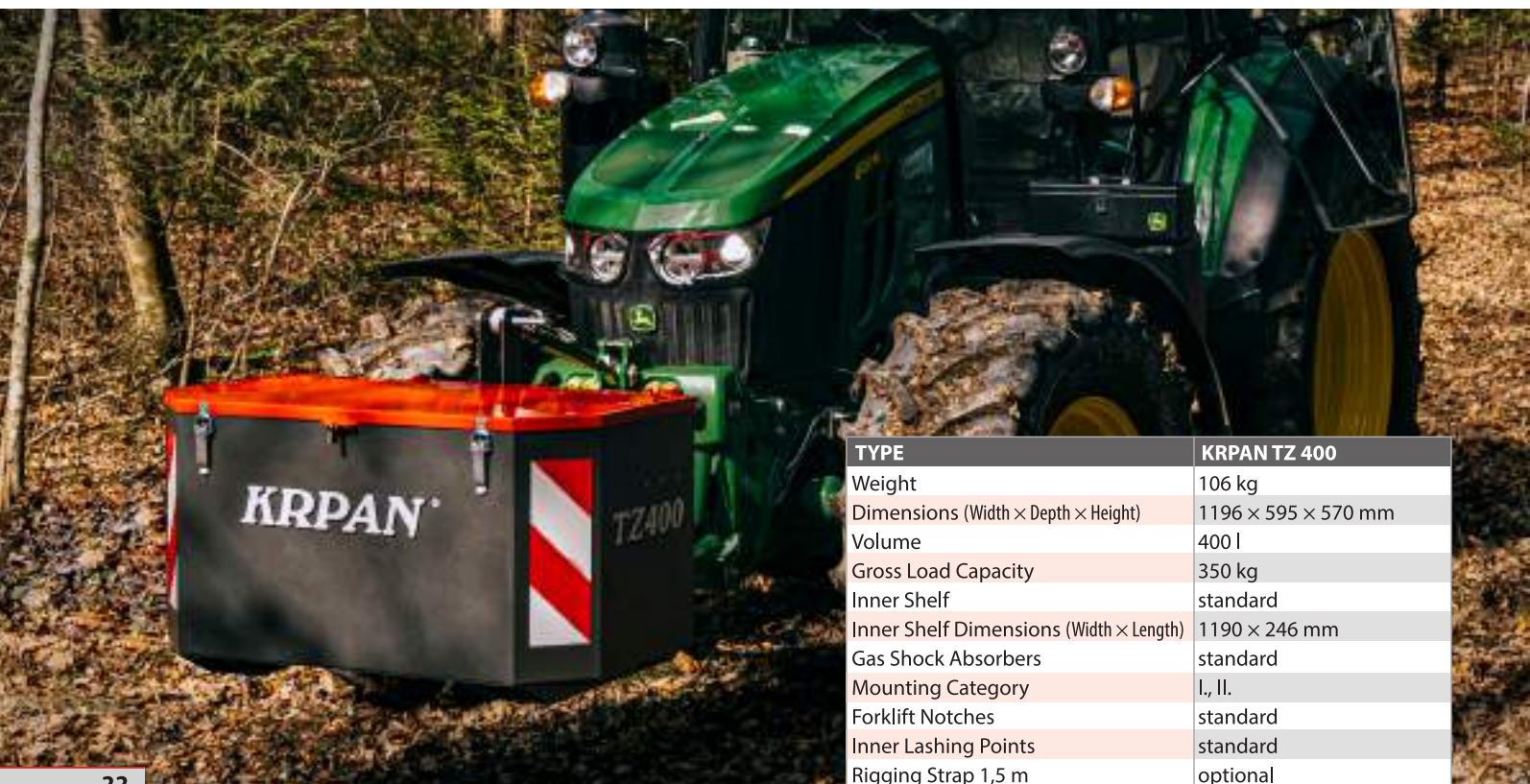
## "TAURUS High-Power" wire ropes

(6 F-V; 6x25; 150 wires – extremely flexible)

| TYPE  | MIN. BREAKING LOAD (kN) | CALCUL. BREAKING LOAD (kN) | WEIGHT   |
|---|-------------------------|----------------------------|----------|
| 8 mm, swaged cross-section, 1960 N/mm <sup>2</sup>        | 71.06                   | 86,66                      | 0,378 kg |
| 9 mm, swaged cross-section, 1960 N/mm <sup>2</sup>        | 90.92                   | 110,88                     | 0,462 kg |
| 10 mm, swaged cross-section, 1960 N/mm <sup>2</sup>       | 110.20                  | 134,39                     | 0,554 kg |
| 11 mm, swaged cross-section, 1960 N/mm <sup>2</sup>       | 130.50                  | 159,15                     | 0,655 kg |
| 12 mm, swaged cross-section, 1960 N/mm <sup>2</sup>       | 150.69                  | 183,77                     | 0,764 kg |
| 13 mm, swaged cross-section, 1960 N/mm <sup>2</sup>       | 172.18                  | 209,98                     | 0,881 kg |
| 14 mm, swaged cross-section, 1960 N/mm <sup>2</sup>       | 191.17                  | 233,13                     | 1,010 kg |
| <b>"TAURUS" wire rope (6x7 + FE; 42 wires – flexible)</b> |                         |                            |          |
| 6 mm, galvanized, 1770 N/mm <sup>2</sup>                  | 21.10                   | 23,50                      | 0,129 kg |



# tractor box TZ 400



| TYPE                                    | KR PAN TZ 400       |
|---|---------------------|
| Weight                                  | 106 kg              |
| Dimensions (Width × Depth × Height)     | 1196 × 595 × 570 mm |
| Volume                                  | 400 l               |
| Gross Load Capacity                     | 350 kg              |
| Inner Shelf                             | standard            |
| Inner Shelf Dimensions (Width × Length) | 1190 × 246 mm       |
| Gas Shock Absorbers                     | standard            |
| Mounting Category                       | I, II.              |
| Forklift Notches                        | standard            |
| Inner Lashing Points                    | standard            |
| Rigging Strap 1,5 m                     | optional            |

# double-drum forestry winches



**KRPAN 2x8EH**, fixed butt plate



**KRPAN 2x10EH**, folding butt plate

| TYPE  | FIXED<br>INSTALLATION | THREE POINT LINKAGE<br>FIXED PLATE |                     | THREE POINT LINKAGE<br>FOLDING PLATE |                     |
|---|-----------------------|------------------------------------|---------------------|--------------------------------------|---------------------|
|   | KRPAN<br>2X8EH        | KRPAN<br>2X8EH                     | KRPAN<br>2X10EH     | KRPAN<br>2X8EH                       | KRPAN<br>2X10EH     |
| Pulling Capacity                              | 75 kN (7,5t)          | 75 kN (7,5t)                       | 95 (9,5t)           | 75 kN (7,5t)                         | 95 (9,5t)           |
| Brake Capacity                                | 94 kN                 | 94 kN                              | 119 kN              | 94 kN                                | 119 kN              |
| Average Winching Speed                        | 0,5 m/s               | 0,5 m/s                            | 0,5 m/s             | 0,5 m/s                              | 0,5 m/s             |
| Standard Wire<br>Rope Length                  | 80 m / 12 mm          | 80 m / 12 mm                       | 80 m / 14 mm        | 80 m / 12 mm                         | 80 m / 14 mm        |
| Maximum Wire<br>Rope Length                   | 100 m / 12 mm         | 100 m / 12 mm                      | 80 m / 14 mm        | 100 m / 12 mm                        | 80 m / 14 mm        |
| Recommended<br>Tractor Power                  | from 59 kW / 80 HP    | from 59 kW / 80 HP                 | from 74 kW / 100 HP | from 59 kW / 80 HP                   | from 74 kW / 100 HP |
| Width   | 840 mm                | 2020 mm*                           | 2020 mm*            | 2020 mm*                             | 2020 mm*            |
| Depth   | 650 mm                | 820 mm                             | 820 mm              | 1020 mm                              | 1020 mm             |
| Height with Wire Guard                        | /                     | 2300 mm                            | 2300 mm             | 2300 mm                              | 2300 mm             |
| Height without Wire Guard                     | 520 mm                | 1620 mm                            | 1620 mm             | 1620 mm                              | 1620 mm             |
| Weight without Wire Rope                      | 450 kg                | 942 kg                             | 952 kg              | 1068 kg                              | 1078 kg             |
| Mounting Category                             | /                     | II., III.                          | II., III.           | II., III.                            | II., III.           |
| Hydraulic Pulley                              | optional              | optional                           | optional            | optional                             | optional            |
| Wire Rope Continuous<br>Unwinding Speed Valve | standard**            | standard**                         | standard**          | standard**                           | standard**          |
| Radio Remote Control                          | optional              | optional                           | optional            | optional                             | optional            |

\* possibility of extending by 200 mm or by 400 mm

\*\* with double-drum forestry winches with hydraulic pulley





# front timber blade with twin beak

Sand-blasted and powder-coated surface

Grid for better range of vision

Log customized construction

Twin beak for improved load stability

**RD 1800 pro**

Robust housing made of high quality steel

Wear-resistant blade made of finegrained steel HARDOX 450  
**SSAB**

Two hollow reinforcing profiles allow additional load weight

| TYPE                    | RD 1800  | RD 2000  | RD 1800 pro         | RD 2000 pro         |
|-------------------------|----------|----------|---------------------|---------------------|
| Width                   | 1840 mm  | 2040 mm  | 1840 mm             | 2040 mm             |
| Lenght                  | 533 mm   | 533 mm   | 585 mm              | 585 mm              |
| Height                  | 952 mm   | 952 mm   | 955 mm              | 955 mm              |
| Weight                  | 260 kg   | 280 kg   | 360 kg              | 370 kg              |
| Max. Opening Width      | /        | /        | 1000 mm             | 1000 mm             |
| Max. Load Diameter      | /        | /        | Ø 500 mm            | Ø 500 mm            |
| Max. Operating Pressure | /        | /        | 180 bar             | 180 bar             |
| Control                 | /        | /        | double-acting valve | double-acting valve |
| Mounting Category       | II.      | II.      | II.                 | II.                 |
| Required Tractor Power  | >100 KM  | >100 KM  | >100 KM             | >100 KM             |
| Support Legs            | standard | standard | standard            | standard            |



Support legs



**RD 1600 E**

| TYPE                    | RD 1600 E                        |
|-------------------------|----------------------------------|
| Width                   | 1600 mm                          |
| Length                  | 570 mm                           |
| Height                  | 930 mm                           |
| Weight                  | 220 kg                           |
| Max. Opening Width      | 990 mm                           |
| Max. Load Diameter      | Ø 650 mm                         |
| Max. Operating Pressure | 180 bar                          |
| Control                 | double-acting valve              |
| Mounting Category       | Euro hitch front loader brackets |
| Required Tractor Power  | > 80 HP                          |
| Support Legs            | standard                         |



# auxiliary winch PV 600

**KRPAN**<sup>®</sup>  
reliably stronger



## additional equipment for auxiliary winch



| TYPE  | KRPAN PV 600                                 |
|---|--|
| Weight  | 46 kg  |
| Pulling Capacity  | 6 kN (600 kg)                                |
| Synthetic Rope Ø 4 mm, 350 m                                    | optional                                     |
| Synthetic Rope Ø 4 mm, 500 m                                    | optional                                     |
| Wire Rope Ø 4 mm, 350 m   | optional                                     |
| Winch Dimensions in transport position (width × depth × height) | 240 × 370 × 1300 mm                          |
| Bracket   | standard                                     |
| Snatch Block  | optional                                     |
| Round Sling   | optional                                     |
| Carabiner   | optional                                     |
| 1 - Bracket compatible with KRPAN Winches                       | 6,5 DH<br>8,5 DH                             |
| 2 - Bracket compatible with KRPAN Winches                       | 6,5 EH / 7,5 E / 7,5 EH<br>/ 8,5 EH / 9,5 EH |
| 3 - Bracket compatible with KRPAN Winches                       | 5,5 E / 5,5 ER / 5,5 EH<br>/ 5,5 FEH         |

**KRPAN** presents the auxiliary winch **KRPAN PV 600**, which was designed as an attachment to logging winches and significantly facilitates work in the forest. The auxiliary winch is driven by its own hydraulic motor, which is connected directly to a tractor or other working machine via two quick couplings.





**KRPAN<sup>®</sup>**  
reliably stronger







# detailed description of the CV log splitter

Adjustable height for easier transportation and storage

**750 kg hydraulic winch with the radio remote control;** with 15 m of 6 mm Ø wire rope (option)

Oil filtration on return line

"2 Speed Automatic" valve with two automatic splitting speed levels, depending on operating load on the wedge

Sand-blasted and powder coated surface

Oil level indicator

**Winch tongs** - optional

PTO shaft discharge

Axe with a single 4° -inclined wedge to enter wood with ease

Chainsaw holder

**Lifting device** plate for short logs - optional

**Cast-iron pump** for silent operation without maintenance (standard)

Mechanical log lifting device

Wood pick and axe holder

**Splitting table with extension** for short logs - optional

Integrated double-bottom tank containing a large volume of oil

Large steel base that can be walked on (to prevent logs from sliding)



Hydraulic winch (optional) with speed regulator and radio remote control



Wheels with pulling handle standard with E and EK models



Left lever of the two-handed start with an integrated wood holder



Additional lifting device for short logs-optional



# CV log splitters



**Log Splitter CV**  
with hydraulic Winch



**Log Splitter CV**  
with mechanical Winch



**KR PAN CV 14 pro**



| TYPE   | CV 14 K pro                 | CV 14 E pro 400 V            | CV 14 EK pro 400 V                                       |
|--|-----------------------------|------------------------------|--|
| Drive and Description  | P.T.O. Shaft                | EM 5.5 kW / 7.5 HP           | EM 5.5 kW / 7.5 HP + P.T.O. Shaft                        |
| Splitting Force (t)  | 13                          | 13                           | 13   |
| Piston Hub (mm)  | 970                         | 970                          | 970  |
| Splitting Height (mm)  | 550/1100                    | 550/1100                     | 550/1100   |
| Splitting Speed (S <sub>2</sub> -S <sub>1</sub> )-R* (s/1000 mm) | (3.3-5.9)-2.6               | (4.9-8.7)-3.9                | (4.9-8.7)-3.9 (3.3-5.9)-2.6                              |
| Max. Shaft Rotations (l/min)                                     | 52 (540 min <sup>-1</sup> ) | 27 (1400 min <sup>-1</sup> ) | 27 (1400 min <sup>-1</sup> ) 52 (540 min <sup>-1</sup> ) |
| Oil Quantity in Tank (l)   | 30                          | 30                           | 30   |
| Recommended Tractor Power (kW/HP)                                | 21/29                       | x                            | 21/29  |
| Dimensions WxLxHx(H <sub>T</sub> )** (mm)                        | 805x1160x 2840x(1850)       | 805x1160x 2840x(1850)        | 805x1160x 2840x(1850)                                    |
| Weight CV (kg)   | 385                         | 402                          | 424  |
| Splitting Table with Extension                                   | optional                    | optional                     | optional   |
| Cast-Iron Pump   | standard                    | /                            | standard   |
| Winch  | optional                    | /                            | optional   |
| Lifting Device   | optional                    | optional                     | optional   |

\*S<sub>2</sub>- second gear; S<sub>1</sub>- first gear; R – reverse movement of the cylinder  
 \*\* H<sub>T</sub> – transport height; transport height with winch is 2100 mm



**3** YEAR WARRANTY

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**KR PAN CV 18 pro**



**KR PAN CV 22 pro**



**KR PAN CV 26 pro**

| CV 18 K pro                 | CV 18 E pro 400 V            | CV 18 EK pro 400 V  | CV 22 K pro                 | CV 22E pro 400 V             | CV 22 EK pro 400 V  | CV 26 K pro                 | CV 26 E pro 400 V            | CV 26 EK pro 400 V  |
|-----------------------------|------------------------------|---|-----------------------------|------------------------------|---|-----------------------------|------------------------------|---|
| P.T.O. Shaft                | EM 5.5 kW / 7.5 HP           | EM 5.5 kW / 7.5 HP + P.T.O. Shaft                           | P.T.O. Shaft                | EM 7.5 kW / 10 HP            | EM 7.5 kW / 10 HP + P.T.O. Shaft                            | P.T.O. Shaft                | EM 7.5 kW / 10 HP            | EM 7.5 kW / 10 HP + P.T.O. Shaft                            |
| 17                          | 17                           | 17  | 21                          | 21                           | 21  | 25                          | 25                           | 25  |
| 970                         | 970                          | 970   | 970                         | 970                          | 970   | 970                         | 970                          | 970   |
| 550/1100                    | 550/1100                     | 550/1100  | 550/1100                    | 550/1100                     | 550/1100  | 550/1100                    | 550/1100                     | 550/1100  |
| (3.1-6.3)-3.2               | (4.9-9.8)-5.0                | (4.9-9.8)-5.0<br>(3.1-6.3)-3.2                              | (3.6-7.2)-3.6               | (5.6-11.1)-5.6               | (5.6-11.1)-5.6<br>(3.6-7.2)-3.6                             | (4.1-7.8)-3.7               | (6.5-12.4)-5.9               | (6.5-12.4)-5.9<br>(4.1-7.8)-3.7                             |
| 64 (540 min <sup>-1</sup> ) | 27 (1400 min <sup>-1</sup> ) | 27 (1400 min <sup>-1</sup> )<br>64 (540 min <sup>-1</sup> ) | 73 (540 min <sup>-1</sup> ) | 30 (1400 min <sup>-1</sup> ) | 30 (1400 min <sup>-1</sup> )<br>73 (540 min <sup>-1</sup> ) | 81 (540 min <sup>-1</sup> ) | 30 (1400 min <sup>-1</sup> ) | 30 (1400 min <sup>-1</sup> )<br>81 (540 min <sup>-1</sup> ) |
| 35                          | 35                           | 35  | 40                          | 40                           | 40  | 45                          | 45                           | 45  |
| 25/34                       | x                            | 25/34   | 27/37                       | x                            | 27/37   | 30/41                       | x                            | 30/41   |
| 805x1160x2840x(1850)        | 805x1160x2840x(1850)         | 805x1160x2840x(1850)  | 805x1260x2850x(1850)        | 805x1260x2850x(1850)         | 805x1260x2850x(1850)  | 805x1260x2850x(1850)        | 805x1260x2850x(1850)         | 805x1260x2850x(1850)  |
| 402                         | 418                          | 441   | 457                         | 475                          | 499   | 482                         | 499                          | 524   |
| optional                    | optional                     | optional  | optional                    | optional                     | optional  | optional                    | optional                     | optional  |
| standard                    | /                            | standard  | standard                    | /                            | standard  | standard                    | /                            | standard  |
| optional                    | /                            | optional  | optional                    | /                            | optional  | optional                    | /                            | optional  |
| optional                    | optional                     | optional  | optional                    | optional                     | optional  | optional                    | optional                     | optional  |

\*S<sub>2</sub>- second gear; S<sub>1</sub>- first gear; R – reverse movement of the cylinder  
\*\* H<sub>t</sub> – transport height; transport height with winch is 2100 mm





# detailed description of horizontal splitter CH 32

**750 kg hydraulic winch** with 15 mm  $\Phi$  6 mm wire rope and radio remote control (option)

Woodpick holder

»2 Speed Automatic« valve with two automatic splitting speed levels, depending on operating load on the wedge

**6- or 8. way splitting wedge** (option)

Large pushing surface

Adjustable total width for easier transport and storage

Oil cooler

Integrated oil tank with large oil content

**Patented system for guides lubrication**

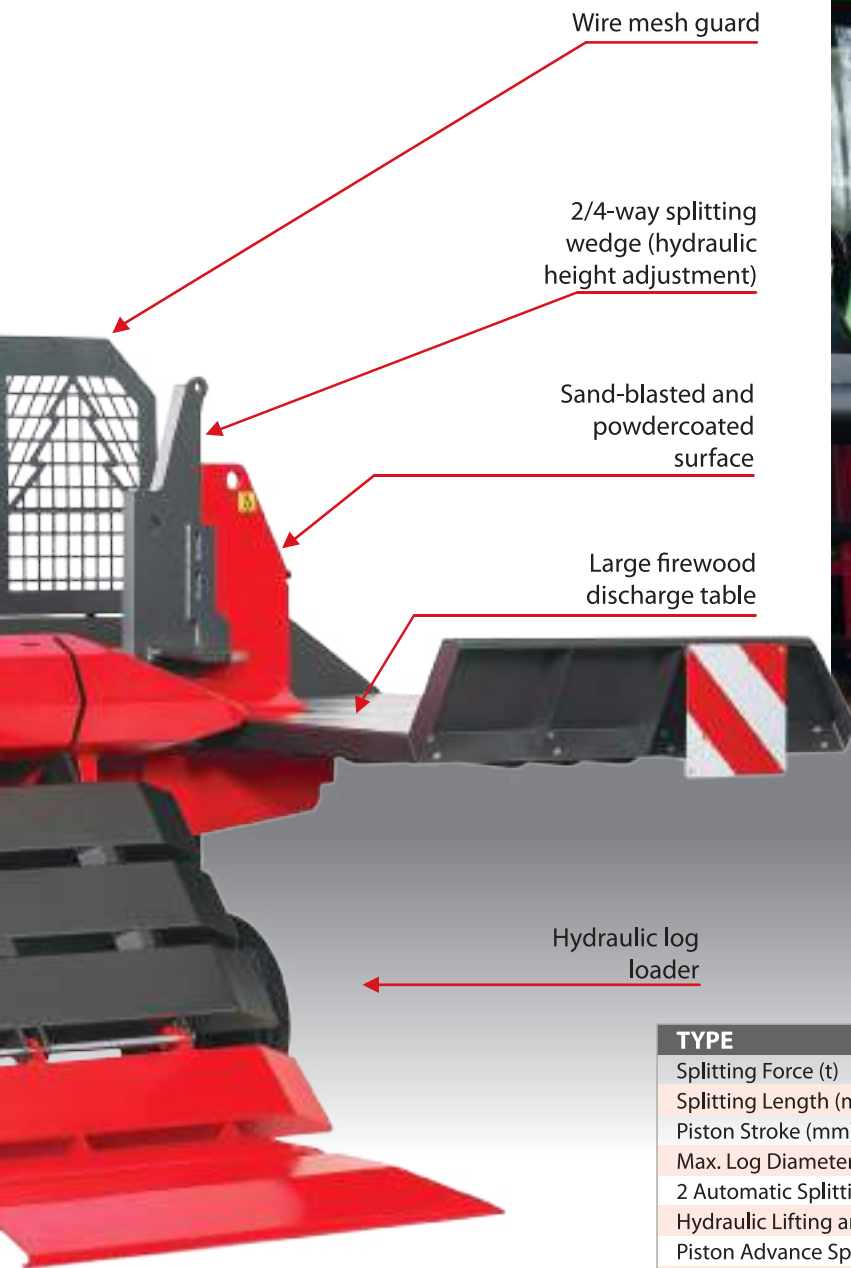
Wheels for easier transport



**TRANSPORT POSITION**

**3** YEAR WARRANTY

**KR PAN**<sup>®</sup>  
reliably stronger



| TYPE   | CH 32 K                      |
|--|------------------------------|
| Splitting Force (t)  | 31                           |
| Splitting Length (mm)                                      | 1260                         |
| Piston Stroke (mm)   | 1265                         |
| Max. Log Diameter (mm)                                     | 1000                         |
| 2 Automatic Splitting Speeds                               | standard                     |
| Hydraulic Lifting and Lowering of the Wedge                | standard                     |
| Piston Advance Speed (Stage 1/ Stage 2) (cm/s)             | 14/28                        |
| Piston Return Speed (cm/s)                                 | 28                           |
| Oil Quantity in Tank (l)                                   | 100                          |
| Required Tractor Capacity (kW/HP)                          | 35/48                        |
| 3 Point Linkage Category                                   | II                           |
| L x W x H />(*H) - Working Position (mm)                   | 2500 x 4510 x 1815 / (*2650) |
| L x W x H /(*H) - Transport Position (mm)                  | 2000 x 2600 x 1815 / (*2650) |
| Weight (kg)  | 1476                         |
| Firewood Deposit Table (990 x 1925 mm)                     | standard                     |
| Chassis with Wheels and Towing Bar                         | standard                     |
| Oil Cooler   | standard                     |
| 2/4 -Way Wedge   | standard                     |
| 6 or 8 -Way Wedge  | optional                     |
| Hydraulic Winch with Radio Remote Control Elca PIC Minimal | optional                     |

(\*H)= height with winch





# CS firewood processors

**4 hydraulic pumps with multiplier**  
sawing, splitting, discharge conveyor  
and supporting functions

»2 Speed Automatic«  
valve with two automatic  
splitting speed levels,  
depending on operating  
load on the wedge

**3S  
SYSTEM**

**NEW option with PRO model:**  
**3S System - variable stroke**  
of the splitting cylinder  
adjusted to the cut wood length  
to increase the splitting speed  
and the machine capacity

In-feed conveyor  
with band of  
durable multiply  
rubber

Max. log diameter  
42 cm

Sand-blasted and  
powder-coated surface

Robust housing made  
of high quality steel  
S355

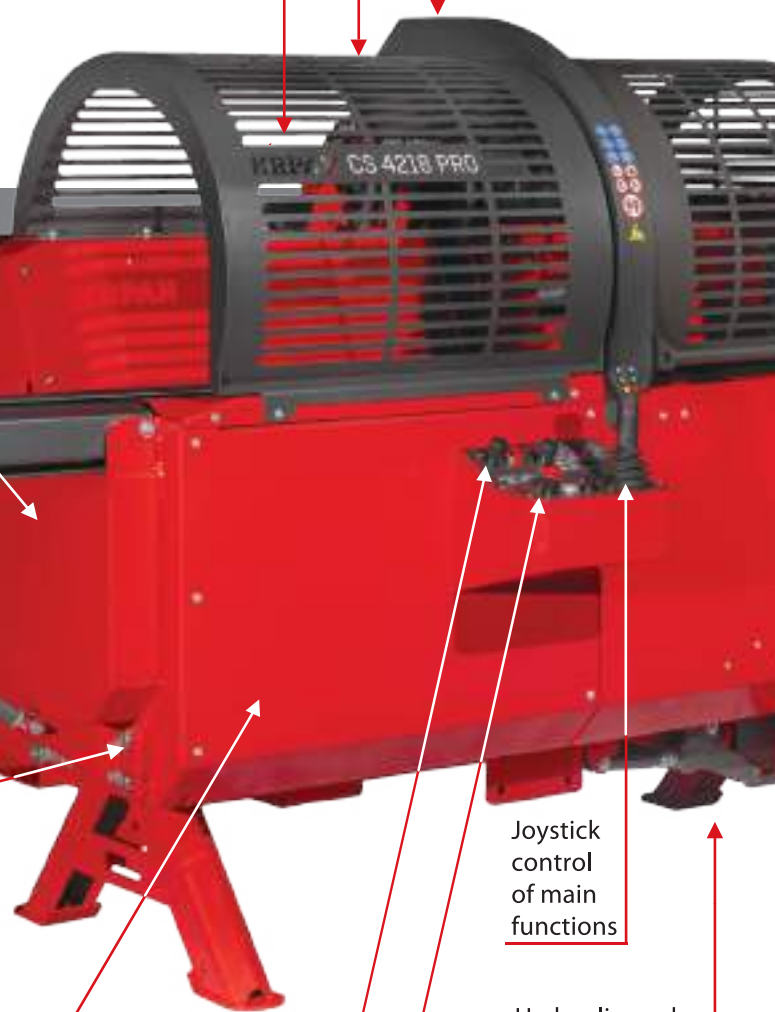


Oil cooler with  
variable fan and  
reversible function  
of automatic cleaning

Quick couplings to  
connect live deck  
or log loader

**NEW options with H and PRO models:**  
- **POWER DRIVE**  
**30 % more power on the sawing system**  
- **HARVESTER sawbar and chain**

Simplified hydraulic  
system with oil  
filtration



Discharge  
conveyor speed  
regulation

Log loader or  
live deck control

Joystick  
control  
of main  
functions

Hydraulic wedge  
height control



**3** YEAR WARRANTY

Telescopic 5 m discharge conveyor with continuous speed control

Flap guard to prevent the firewood from rolling down

Winch to set the conveyor inclination

Inclination indicator

Hydraulic conveyor swinging left-right

**KRPAN CS 4218 PRO**

Double sides of the splitting chute made of STRENX. Sandwich construction reinforced by HARDOX.



**TRANSPORT POSITION**

Splitting wedges made of fine-grained steel HARDOX 450 of Swedish manufacturer **SSAB**



Ring

12

8

6

4

**SPLITTING WEDGES**



# CS firewood processors



**KR PAN CS 4218 M**  
the entry-level model with simple mechanical controls



**KR PAN CS 4218 H**  
with manual hydraulic control levers

**KR PAN CS 4218 PRO**  
controlled by joystick  
all movements of individual assemblies are performed electro-hydraulically, except for the setting of the firewood length limiter



| TYPE   | KR PAN CS 4218 M       | KR PAN CS 4218 H                | KR PAN CS 4218 PRO           |
|--|------------------------|---------------------------------|------------------------------|
| Cut Log Length (cm)  | 20, 25, 30, 33, 40, 50 | 20, 25, 30, 33, 40, 50          | 20, 25, 30, 33, 40, 50       |
| Cut Log Diameter (cm)                                      | 10-42                  | 10-42                           | 10-42                        |
| Sawbar   | Husqvarna              | Husqvarna                       | Husqvarna                    |
| Chain  | Husqvarna C85          | Husqvarna C85                   | Husqvarna C85                |
| Splitting Force (t)  | 18                     | 18                              | 18                           |
| Splitting System »2 Speed Automatic«                       | standard               | standard                        | standard                     |
| Control  | mechanical levers      | manual hydraulic control levers | solenoid valves and joystick |
| Oil Quantity in Tank (l)                                   | 100                    | 100                             | 100                          |
| Necessary Tractor Capacity (kW/HP)                         | 37/50                  | 37/50                           | 37/50                        |
| Discharge Conveyor - swinging (5 m)                        | mechanical             | hydraulic                       | hydraulic                    |
| Discharge Speed - with Continuous Speed Control (m/s)      | 0-1                    | 0-1                             | 0-1                          |
| Weight with Discharge Conveyor (kg)                        | 1555                   | 1570                            | 1570                         |
| W × L × H - working position (mm)                          | 1420 × 7600 × 3900     | 1420 × 7600 × 3900              | 1420 × 7600 × 3900           |
| W × L × H - transport position (mm)                        | 1420 × 2450 × 2830     | 1420 × 2450 × 2830              | 1420 × 2450 × 2830           |
| PTO Drive Shaft  | standard               | standard                        | standard                     |
| Walterscheid W 2300 SD 15 (L=710)                          |                        |                                 |                              |
| Wide angle PTO Drive Shaft<br>Walterscheid WWZ 2480        | optional               | optional                        | optional                     |
| Operating Hours Counter                                    | standard               | standard                        | standard                     |
| Splitting Wedge 4-Way                                      | standard               | standard                        | standard                     |
| Splitting Wedge 6; 8; 12-Way                               | optional               | optional                        | optional                     |
| Saw Dust Extractor<br>(integrated, hydraulic or electric)  | optional               | optional                        | optional                     |
| Separator  | optional               | optional                        | optional                     |
| 3S - System (Variable Stroke<br>of the Splitting Cylinder) | /                      | /                               | optional                     |
| Power Drive  | /                      | optional                        | optional                     |
| Harvester Sawbar and Chain                                 | /                      | optional                        | optional                     |

# KRPAN®

reliably stronger

**AVAILABLE**

**NOW**

2 new models:  
**KRPAN firewood processors  
with a saw blade**

new



| TYPE  | KRPAN CSKZ 4218 H              | KRPAN CSKZ 4218 PRO            |
|---|--------------------------------|--------------------------------|
| Cut Log Length (cm)                                       | 20, 25, 30, 33, 35, 40, 45, 50 | 20, 25, 30, 33, 35, 40, 45, 50 |
| Cut Log Diameter (cm)                                     | 10-42                          | 10-42                          |
| Saw Blade   | Ø 1000 x 7,5 / 84              | Ø 1000 x 7,5 / 84              |
| Splitting Force (t)                                       | 18                             | 18                             |
| Control   | mechanical-hydraulic           | joystick                       |
| Oil Quantity in Tank (l)                                  | 80                             | 80                             |
| Necessary Tractor Capacity (kW/HP)                        | 37/50                          | 37/50                          |
| Discharge Conveyor - swinging (5 m)                       | hydraulic swinging             | hydraulic swinging             |
| Discharge Speed - with Continuous Speed Control (m/s)     | 0-1                            | 0-1                            |
| Weight with Discharge Conveyor (kg)                       | 2200                           | 2200                           |
| W x L x H - working position (mm)                         | 1970 x 7500 x 3900             | 1970 x 7500 x 3900             |
| W x L x H - transport position (mm)                       | 1970 x 2450 x 2950             | 1970 x 2450 x 2950             |
| PTO Drive Shaft   | standard                       | standard                       |
| Walterscheid W 2400 ST25 610                              | standard                       | standard                       |
| Operating Hours Counter                                   | standard                       | standard                       |
| Splitting Wedge 4-Way                                     | standard                       | standard                       |
| Splitting Wedge 6-, 8-, 12-Way                            | optional                       | optional                       |
| Splitting Wedge Height Adjustment                         | /                              | optional                       |
| Sawdust Extractor Fan (integrated, hydraulic or electric) | optional                       | optional                       |
| Separator   | optional                       | optional                       |
| Adjustment of the Saw Blade Feed Speed                    | standard                       | standard                       |
| 3S-System (Variable Stroke of the Splitting Cylinder)     | optional                       | optional                       |
| Calculation of the Delivered Volume                       | /                              | optional                       |



# firewood processors accessories



**Log Loader MD**

| TYPE                 | MD 500              |
|----------------------|---------------------|
| Drive                | Hydraulic System CS |
| Control              | CS Control          |
| Lifting Force (N)    | 5000                |
| L x W x H (mm)       | 1860 x 1420 x 1145  |
| Weight (kg)          | 159                 |
| No of Driven Rollers | 2                   |



**Roller Table MV**

| TYPE                 | MV 2000             |
|----------------------|---------------------|
| Drive                | Hydraulic System CS |
| Control              | CS Control          |
| L x W x H (mm)       | 2005 x 918 x 612    |
| Weight (kg)          | 118                 |
| No of Driven Rollers | 3                   |



**Live Deck RV 45**



**Live Deck RV 45 M**

| TYPE   | RV 45                        | RV 45 M                      | MV 2000 L           |
|--|------------------------------|------------------------------|---------------------|
| Drive  | CS Hydraulic System          | CS Hydraulic System          | CS Hydraulic System |
| Control                                      | CS Control                   | CS Control                   | CS control          |
| Length x Width x Height (mm)                 | 3890 x 2005 x 1315           | 3890 x 2005 x 1315           | 3280 x 2000 x 1370  |
| Weight (kg)                                  | 449                          | 529                          | 390                 |
| Necessary Working Surface (m)                | approx. 9 x 4,5              | approx. 9 x 4,5              | approx. 9 x 4,5     |
| Log Length (m)                               | up to 6                      | up to 6                      | up to 6             |
| Load Capacity (t/m <sup>3</sup> )            | 4,2/ 6                       | 4,2/ 6                       | 2/3                 |
| Hydraulically Driven Infeed Rollers (pcs)    | 3                            | 3                            | 3                   |
| Hydraulically Driven Cross Feed Chains (pcs) | 2 (standard)<br>3 (optional) | 2 (standard)<br>3 (optional) | /                   |



**Live Deck MV 2000 L**

**3** YEAR WARRANTY

**KR PAN**<sup>®</sup>  
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**Separator**

| TYPE                     | SR 30 | SR 40 |
|--------------------------|-------|-------|
| Distance among the laths | 30 mm | 40 mm |
| Weight (kg)              | 30 kg | 30 kg |



| TYPE                              | SE 25 H                | SE 40 H                | SE 60 H                |
|-----------------------------------|------------------------|------------------------|------------------------|
| Drive                             | hydro                  | hydro                  | hydro                  |
| Required Oil Flow                 | 25 l/min               | 40 l/min               | 60 l/min               |
| RPM                               | 2800 min <sup>-1</sup> | 2800 min <sup>-1</sup> | 2800 min <sup>-1</sup> |
| Pressure Tube Diameter and Length | Ø 140 mm; Length 5 m   | Ø 140 mm; Length 5 m   | Ø 140 mm; Length 5 m   |
| Suction Tube Diameter and Length  | Ø 140 mm; Length 3 m   | Ø 140 mm; Length 3 m   | Ø 140 mm; Length 3 m   |
| Length x Width x Height           | 500 x 600 x 1100 mm    | 500 x 600 x 1100 mm    | 500 x 600 x 1100 m     |
| Weight (kg)                       | 28 kg                  | 30 kg                  | 33 kg                  |



**Saw Dust Extractor SE**

| TYPE                                 | SE 230 V               | SE 400 V               |
|--------------------------------------|------------------------|------------------------|
| Drive Connecting Power               | 1.1 kW, 230 V; 50 Hz   | 1.1 kW, 400 V; 50 Hz   |
| RPM                                  | 2800 min <sup>-1</sup> | 2800 min <sup>-1</sup> |
| Protection Level CEI 70-1 (EN 60529) | IP 55                  | IP 55                  |
| Pressure Tube Diameter and Length    | Ø 140 mm; Length 5 m   | Ø 140 mm; Length 5 m   |
| Suction Tube Diameter and Length     | Ø 140 mm; Length 3 m   | Ø 140 mm; Length 3 m   |
| Length x Width x Height              | 500 x 600 x 1100 mm    | 500 x 600 x 1100 mm    |
| Weight (kg)                          | 35 kg                  | 35 kg                  |



**Electric Power Pack MP 20**



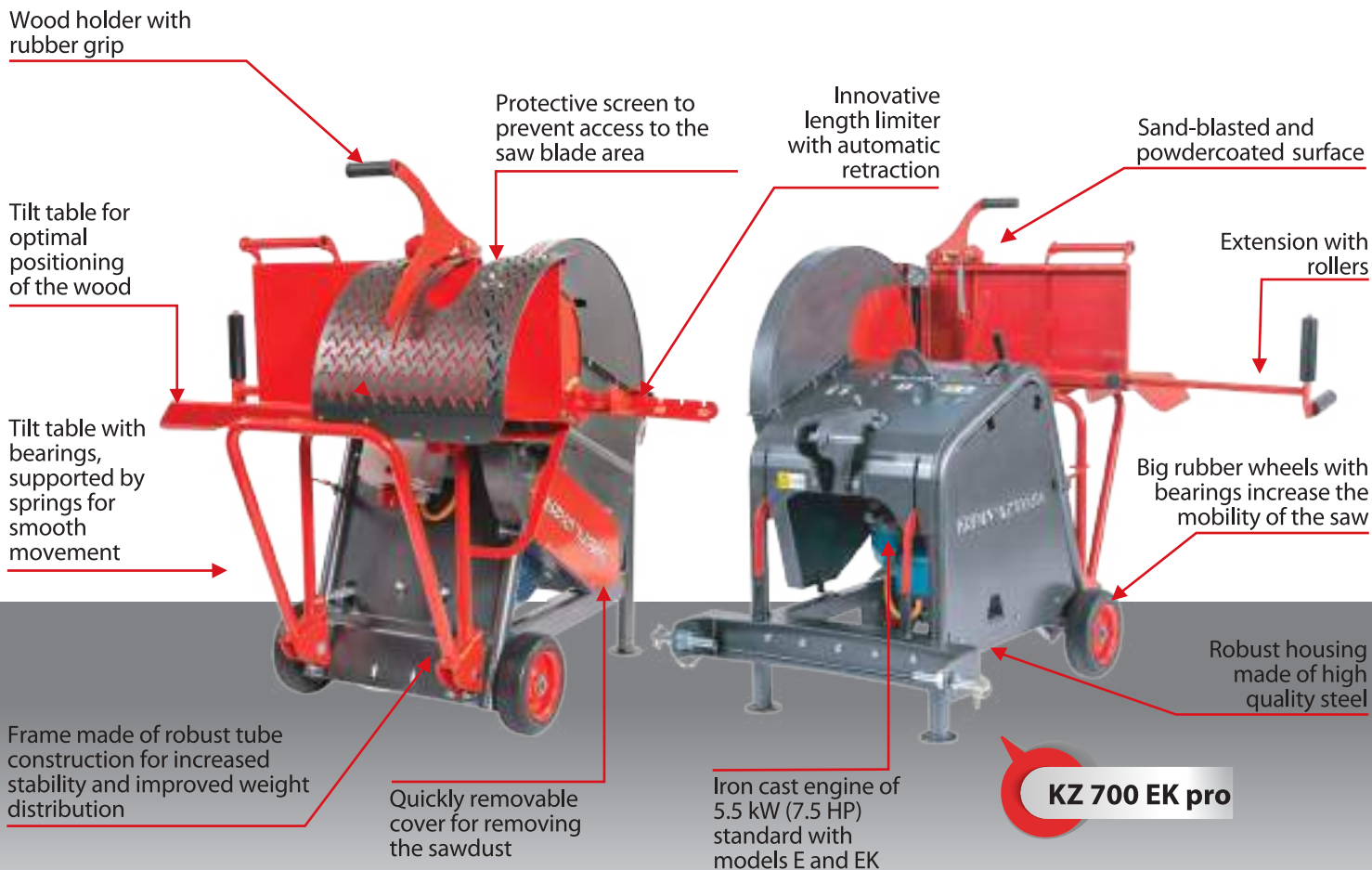
**Electric Power Pack MP 30**

| TYPE                     | MP 20  | MP 30   |
|--------------------------|--|---|
| Electric motor           | 15 kW/ 20,4 HP; 1440 min <sup>-1</sup><br>50 HZ, 3- Phase, 400 V | 22 kW/30 HP; 1440 min <sup>-1</sup><br>50 Hz, 3- Phase, 400 V |
| P.T.O. Shaft Speed (RPM) | 430  | 430   |
| Weight (kg)              | 261  | 480   |
| Usage                    | CS 4218 M  | CS 4218 H, CS 4218 PRO  |





# KZ circular saws and TT conveyor belts



| TYPE                 | KZ 700 K pro           | KZ 700 E pro 400 V             | KZ 700 EK pro 400 V                          |
|----------------------|------------------------|--------------------------------|--|
| Drive                | P.T.O shaft            | Electric motor 5.5 kW / 7.5 HP | P.T.O shaft / Electric motor 5.5 kW / 7.5 HP |
| Saw Blade Speed      | 1750 min <sup>-1</sup> | 1750 min <sup>-1</sup>         | 1750 min <sup>-1</sup>                       |
| Max. Sawing Diameter | Ø 240 mm               | Ø 240 mm                       | Ø 240 mm                                     |
| Saw Blade Z=60       | Ø 700 mm               | Ø 700 mm                       | Ø 700 mm                                     |
|                      | -widia                 | -widia                         | -widia                                       |
| Wheels               | standard               | standard                       | standard                                     |
| Width                | 1026 mm                | 1026 mm                        | 1026 mm                                      |
| Height               | 1320 mm                | 1320 mm                        | 1320 mm                                      |
| Lenght               | 1100 mm                | 1100 mm                        | 1100 mm                                      |
| Weight               | 222 kg                 | 245 kg                         | 277 kg                                       |
| Roller Extension     | standard               | standard                       | standard                                     |
| Length Limiter       | standard               | standard                       | standard                                     |



**Circular saw  
with conveyor belt - telescopic**



**KZ 700 EK / TT 5 / 400 H**



| TYPE                      | KZ 700 K pro/<br>TT 5/400 H | KZ 700 E pro/<br>TT 5/400 E       | KZ 700 EK pro /<br>TT 5/400 H               | KZ 700 EK pro /<br>TT 5/400 E               |
|---------------------------|-----------------------------|-----------------------------------|---|---|
| Saw Drive                 | P.T.O. shaft                | Electric Motor<br>5.5 kW / 7.5 HP | P.T.O. shaft / El. Motor<br>5.5 kW / 7.5 HP | P.T.O. shaft / El. Motor<br>5.5 kW / 7.5 HP |
| Conveyor Drive            | Hydrodrive                  | El. Motor 0.75 kW / 1 HP          | Hydrodrive                                  | El. Motor 0.75 kW / 1 HP                    |
| Width                     | 1400 mm                     | 1400 mm                           | 1400 mm                                     | 1400 mm                                     |
| Height                    | 2750 mm                     | 2750 mm                           | 2750 mm                                     | 2750 mm                                     |
| Length                    | 1170 mm                     | 1170 mm                           | 1170 mm                                     | 1170 mm                                     |
| Weight                    | 567 kg                      | 588 kg                            | 622 kg                                      | 620 kg                                      |
| Max. Sawing Diameter      | Ø 240 mm                    | Ø 240 mm                          | Ø 240 mm                                    | Ø 240 mm                                    |
| Saw Blade                 | Ø 700 mm<br>Z60             | Ø 700 mm<br>-widia                | Ø 700 mm<br>-widia                          | Ø 700 mm<br>-widia                          |
| Roller Table<br>Extension | standard                    | standard                          | standard                                    | standard                                    |
| Belt Length               | 5000 mm                     | 5000 mm                           | 5000 mm                                     | 5000 mm                                     |



**TT 5 / 400 H**

**Belt conveyor - telescopic**

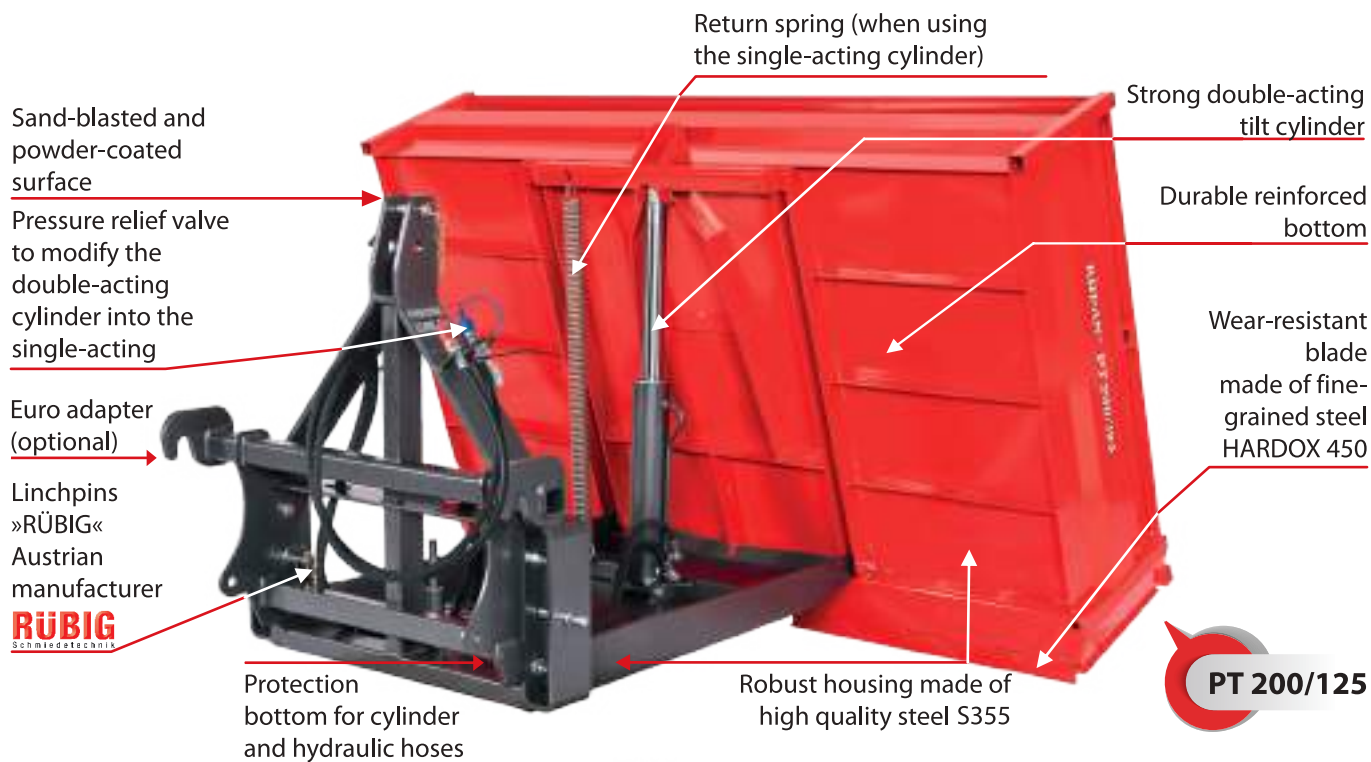
| TYPE            | TT 5/400 H   | TT 5/400 E<br>230 V              | TT 5/400 E<br>400 V              |
|-----------------|--------------|----------------------------------|----------------------------------|
| Drive           | hydro        | Electric Motor<br>0,75 kW / 1 HP | Electric Motor<br>0,75 kW / 1 HP |
| Width           | 1135 mm      | 1135 mm                          | 1135 mm                          |
| Incline Height  | 2400-3000 mm | 2400-3000 mm                     | 2400-3000 mm                     |
| Conveyor Length | 5000 mm      | 5000 mm                          | 5000 mm                          |
| Weight          | 272 kg       | 270 kg                           | 270 kg                           |
| Belt Width      | 400 mm       | 400 mm                           | 400 mm                           |







# PT tipper boxes



| TYPE  | PT 120/80     | PT 140/80     | PT 160/80     | PT 180/80     | PT 200/80     | PT 140/100    | PT 160/100    |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Load Capacity (kg)                          | 1000          | 1000          | 1000          | 1000          | 1000          | 2000          | 2000          |
| Width (mm)                                  | 1200          | 1400          | 1600          | 1800          | 2000          | 1400          | 1600          |
| Depth (mm)                                  | 800           | 800           | 800           | 800           | 800           | 1000          | 1000          |
| Height (mm)                                 | 400           | 400           | 400           | 400           | 400           | 400           | 400           |
| Recommended Tractor Power (kW/HP)           | 15-30 / 20-40 | 15-30 / 20-40 | 15-30 / 20-40 | 15-30 / 20-40 | 15-30 / 20-40 | 30-44 / 40-60 | 30-44 / 40-60 |
| Mounting Category                           | I., II.       | I., II.       | I., II.       | I., II.       | I., II.       | I., II.       | I., II.       |
| Weight (kg)                                 | 198           | 209           | 234           | 247           | 262           | 281           | 295           |
| Double-Acting Cylinder System               | standard      | standard      | standard      | standard      | standard      | standard      | standard      |
| Additional Boards 350 mm (2 side + 1 front) | optional      | optional      | optional      | optional      | optional      | optional      | optional      |
| Extension (back)                            | optional      | optional      | optional      | optional      | optional      | optional      | optional      |
| EURO Adapter                                | optional      | optional      | optional      | optional      | optional      | optional      | optional      |



**KR PAN®**  
reliably stronger



**EURO Adapter**

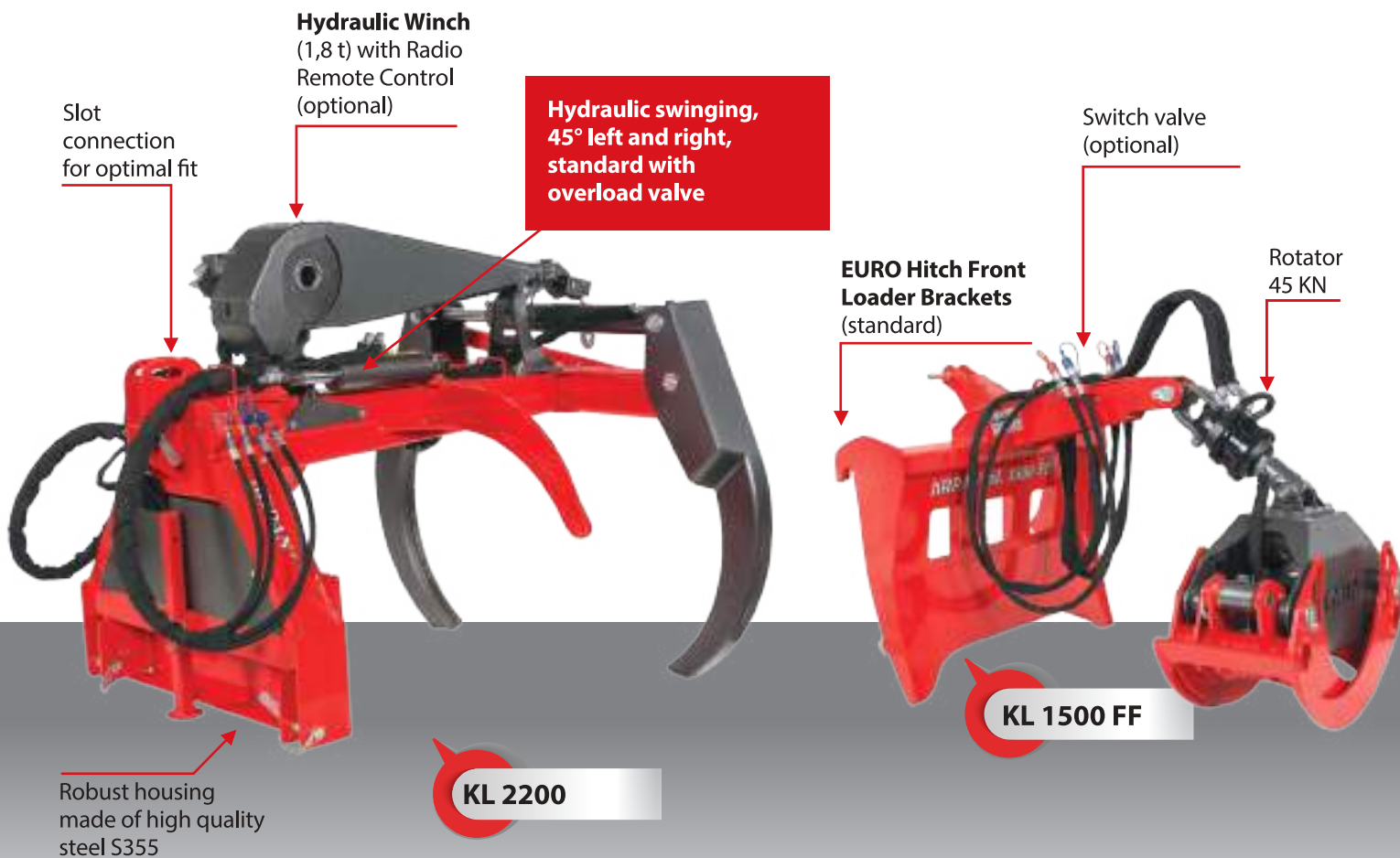


**Additional Boards**

| TIP   | PT 180/100    | PT 200/100    | PT 160/125     | PT 180/125     | PT 200/125     | PT 220/125     |
|---|---------------|---------------|----------------|----------------|----------------|----------------|
| Load Capacity (kg)                          | 2000          | 2000          | 3500           | 3500           | 3500           | 3500           |
| Width (mm)                                  | 1800          | 2000          | 1600           | 1800           | 2000           | 2200           |
| Depth (mm)                                  | 1000          | 1000          | 1250           | 1250           | 1250           | 1250           |
| Height (mm)                                 | 400           | 400           | 400            | 400            | 400            | 400            |
| Recommended Tractor Power (kW / HP)         | 30-44 / 40-60 | 30-44 / 40-60 | 44-73 / 60-100 | 44-73 / 60-100 | 44-73 / 60-100 | 44-73 / 60-100 |
| Mounting Category                           | I., II.       | I., II.       | I., II.        | I., II.        | I., II.        | I., II.        |
| Weight (kg)                                 | 327           | 342           | 352            | 376            | 383            | 413            |
| Double-Acting Cylinder System               | standard      | standard      | standard       | standard       | standard       | standard       |
| Additional Boards 350 mm (2 side + 1 front) | optional      | optional      | optional       | optional       | optional       | optional       |
| Extension (back)                            | optional      | optional      | optional       | optional       | optional       | optional       |
| EURO Adapter                                | optional      | optional      | optional       | optional       | optional       | optional       |



# KL skidding grapples



| TYPE   | KL 2200           | KL 1500 FF  | KL 2500 F                              | KL 2500 T                              | KL 2500 TG                             |
|--|-------------------|---|--|--|--|
| Weight (kg)  | 344               | 330   | 452                                    | 489                                    | 601                                    |
| Width (mm)   | 1520              | 1080  | 960                                    | 960                                    | 960                                    |
| Height (mm)  | 900               | 906   | 1300                                   | 1350                                   | 1350                                   |
| Length closed (mm)                                       | 1600              | 900   | 1350                                   | 1400                                   | 1410                                   |
| Range (without Grab)                                     | 1560              | 850   | 1310                                   | 2110                                   | 2110                                   |
| Load Capacity (kg)                                       | 3000              | 1500  | 2500                                   | 2500**                                 | 2500**                                 |
| 3 Point Hitch with Butt Plate                            | standard          | /   | standard                               | standard                               | standard                               |
| 320 mm Extension (on both sides)                         | /                 | /   | optional                               | optional                               | optional                               |
| 3 Point Linkage Category                                 | II                | EURO Hitch Front Loader Brackets (S) / Skid Steer Hitch (O) | II (with extension III)                | II (with extension III)                | II (with extension III)                |
| Telescopic Extension - hydraulic                         | /                 | /   | /                                      | standard                               | standard                               |
| Recommended Tractor Power (kW/HP)                        | 40-90 / 54-122    | 40-90 / 54-122  | 40-90 / 54-122                         | 40-90 / 54-122                         | 40-90 / 54-122                         |
| Double Flexible Interface                                | /                 | standard  | standard                               | standard                               | standard                               |
| Side Shifting left and right                             | S (+, - 40°)      | /   | /                                      | /                                      | S (+, - 40°)                           |
| Tractor Hydraulic Control                                | standard          | serijsko  | standard                               | /                                      | optional                               |
| Mechanical Joystick Control                              | optional          | /   | optional                               | standard                               | standard                               |
| Electric Joystick Control                                | optional          | /   | optional                               | optional                               | optional                               |
| Opening min/max (cm) and Gripping Force                  | 10/220; 70 kN (S) | 8/150; 100 kN (S)<br>8/170; 110 kN (O)                      | 8/170; 110 kN (S)<br>8/150; 100 kN (O) | 8/170; 110 kN (S)<br>8/150; 100 kN (O) | 8/170; 110 kN (S)<br>8/150; 100 kN (O) |
| Endless Rotator 45 kN                                    | /                 | standard  | standard                               | standard                               | standard                               |
| Endless Rotator 55 kN                                    | /                 | optional  | optional                               | optional                               | optional                               |
| Max. Working Pressure (bar)                              | 200               | 200   | 200                                    | 200                                    | 200                                    |
| Hydraulic Winch (1,8 t / 30 m) with Radio Remote Control | optional          | /   | optional                               | optional                               | optional                               |

Brass sliding bushings, with longer lifespan, German manufacturer »WIELAND«  
**Wieland**

**Two cylinders to swivel the grapple arm to the right and to the left for +/- 40°, for equal strenght and speed on both sides**

**Adjustable sliding plates** for better telescope guidance

Slot connection for optimal fit

Hydraulic control with two levers – double-acting connection required  
**(Joystick optional)**

**Tube integrated 800 mm long telescope cylinder**

Rotator 45 kN

**Rotator with the double-flexible interface for longer lifespan**

Sand-blasted and powder-coated surface

Robust housing made of high quality steel S355

Wear-resistant blade made of fine-grained steel HARDOX 45 of Swedish manufacturer **SSAB**

Grab blade made of fine-grained steel HARDOX 450 of Swedish manufacturer **SSAB**

**Butt plate side extensions (optional)**







# PD firewood bundler

Robust housing made of high quality steel S355

Sand-blasted and powder-coated surface

For 1 m<sup>3</sup> firewood

Bandreel holder

External hydraulic control of preload and tilting

EURO Hitch Front Loader Brackets

Hydraulic preload with 2 t (optional)

Forklift Notches

PD 1200 H pro plus



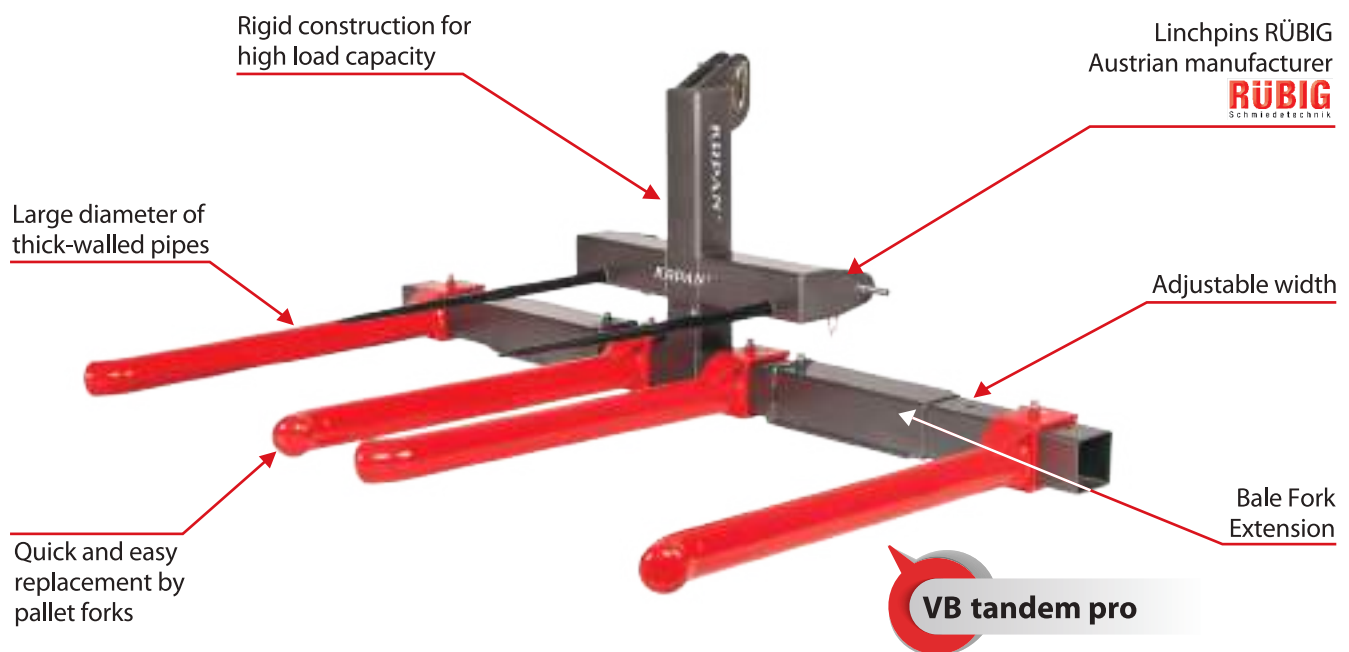
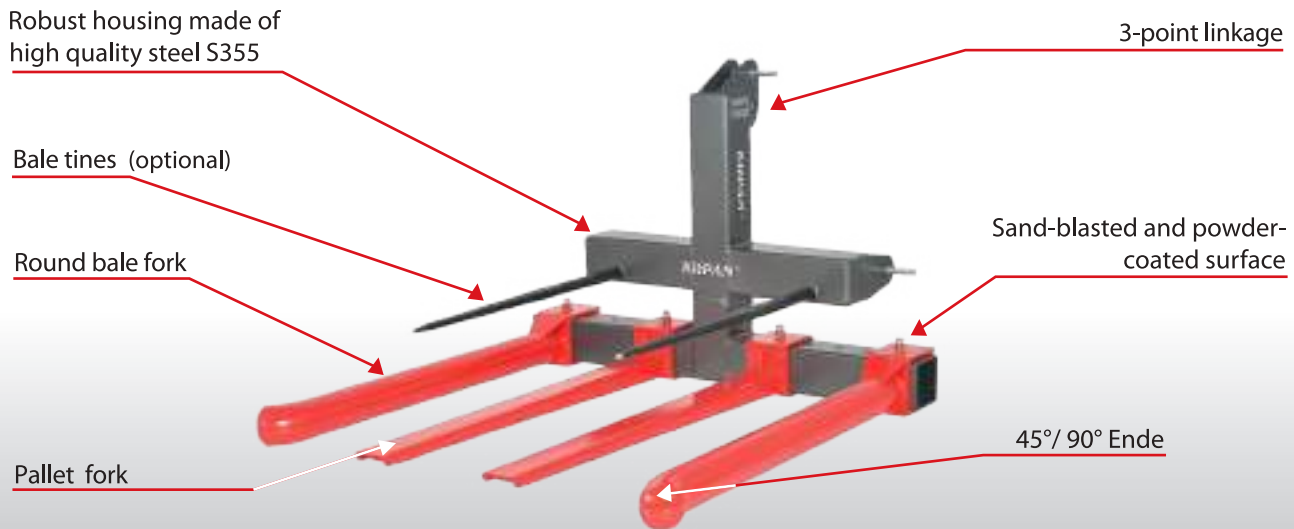
PD 1200 M pro

| TYPE                             | PD 1200 M pro | PD 1200 H pro | PD 1200 H pro plus |
|----------------------------------|---------------|---------------|--------------------|
| Length (mm)                      | 1250          | 1250          | 1250               |
| Max Width (mm)                   | 1380          | 1380          | 1380               |
| Height (mm)                      | 1490          | 1490          | 1490               |
| Capacity (m <sup>3</sup> )       | 1             | 1             | 1                  |
| Weight (kg)                      | 270           | 280           | 284                |
| Tipping                          | mechanical    | hydraulic     | hydraulic          |
| Preload                          | mechanical    | mechanical    | hydraulic          |
| Mounting Category                | I, II         | I, II         | I, II              |
| EURO Hitch Front Loader Brackets | standard      | standard      | standard           |

## ADDITIONAL EQUIPMENT

- Textile Band (Polyester) W0 19-750-500 (1 bundle = 500 m)
- Steel Buckles; CB6 phosphated 19 mm (1 Box=1000 pcs)
- Band Strapping Machine CCT up to 19 mm
- Band Dispenser CWD 80

# VB bale transporter



| TYPE                             | VB round | VB pallet | VB round pro | VB pallet pro | VB tandem pro |
|----------------------------------|----------|-----------|--------------|---------------|---------------|
| Load Capacity                    | 1000 kg  | 1000 kg   | 2000 kg      | 2000 kg       | 2000 kg       |
| Weight                           | 101 kg   | 111 kg    | 132 kg       | 132 kg        | 234 kg        |
| Width                            | 1300 mm  | 1300 mm   | 1400 mm      | 1400 mm       | 2800 mm       |
| Distance between the forks min.  | 400 mm   | 400 mm    | 420 mm       | 420 mm        | 700 mm        |
| Distance between the forks max.  | 1180 mm  | 1180 mm   | 1120 mm      | 1120 mm       | 1100 mm       |
| Round Bale Fork L+R (32 kg)      | standard | optional  | /            | /             | /             |
| Pallet Fork 1200 mm (42 kg)      | optional | standard  | /            | /             | /             |
| Bale Fork Extension pro (102 kg) | /        | /         | optional     | optional      | standard      |
| Round Bale Fork L+R (44 kg)      | /        | /         | standard     | optional      | standard      |
| Pallet Fork pro 1200 mm (46 kg)  | /        | /         | optional     | standard      | optional      |
| Bale Tines pro 1100 mm           | /        | /         | optional     | optional      | optional      |
| Mounting Category                | I, II    | I, II     | I, II        | I, II         | I, II         |





# KS energy wood head



KS 500 B



KS 200



KS 200 B



KS 320 B

| TYPE                         | KS 200                           | KS 200 B                         | KS 320 B                         | KS 500 B                             |
|------------------------------|----------------------------------|----------------------------------|----------------------------------|--------------------------------------|
| Max. Opening (mm)            | 730                              | 730                              | 760                              | 1380                                 |
| Max. Cut Diameter            | 200                              | 200                              | 320                              | 500                                  |
| Width open / closed (mm)     | 1200/790                         | 1200/790                         | 1220/1220                        | 1500/1500                            |
| Weight (kg)                  | 170                              | 190                              | 500                              | 1362                                 |
| Blade                        | fine-grained steel<br>HARDOX 450 | fine-grained steel<br>HARDOX 450 | fine-grained steel<br>HARDOX 450 | fine-grained steel<br>HARDOX Extreme |
| Recommended Pressure (bar)   | 170 - 210                        | 170 - 210                        | 250                              | 250-280   120-200 **                 |
| Max. Pressure (bar)          | 250                              | 250                              | 250                              | 300   200 **                         |
| Recommended Oil Flow (l/min) | > 20                             | > 20                             | 80-150                           | 100-190   70 **                      |
| Rotator endless 360°         | optional                         | /                                | optional                         | optional                             |
| Collector                    | /                                | /                                | optional                         | optional                             |
| Usage                        | Forestry Crane                   | Excavator 3-6 t                  | Excavator 7-14 t                 | Excavator 16-22 t                    |









# GP forestry trailers with GD cranes



Bronze sliding bushings, with longer lifespan

Self-sufficient hydraulic system and oil tank with substantial oil quantity

Standing platform with control lever stand and backrest

Cast-iron pump for silent operation without maintenance

Practical foldable ladder

Trailer coupling produced by Austrian manufacturer



Steerable drawbar with 2 cylinders: steering angle +/- 40°

Lower or upper hitch by choice



P.T.O. shaft support



Protected support leg cylinder

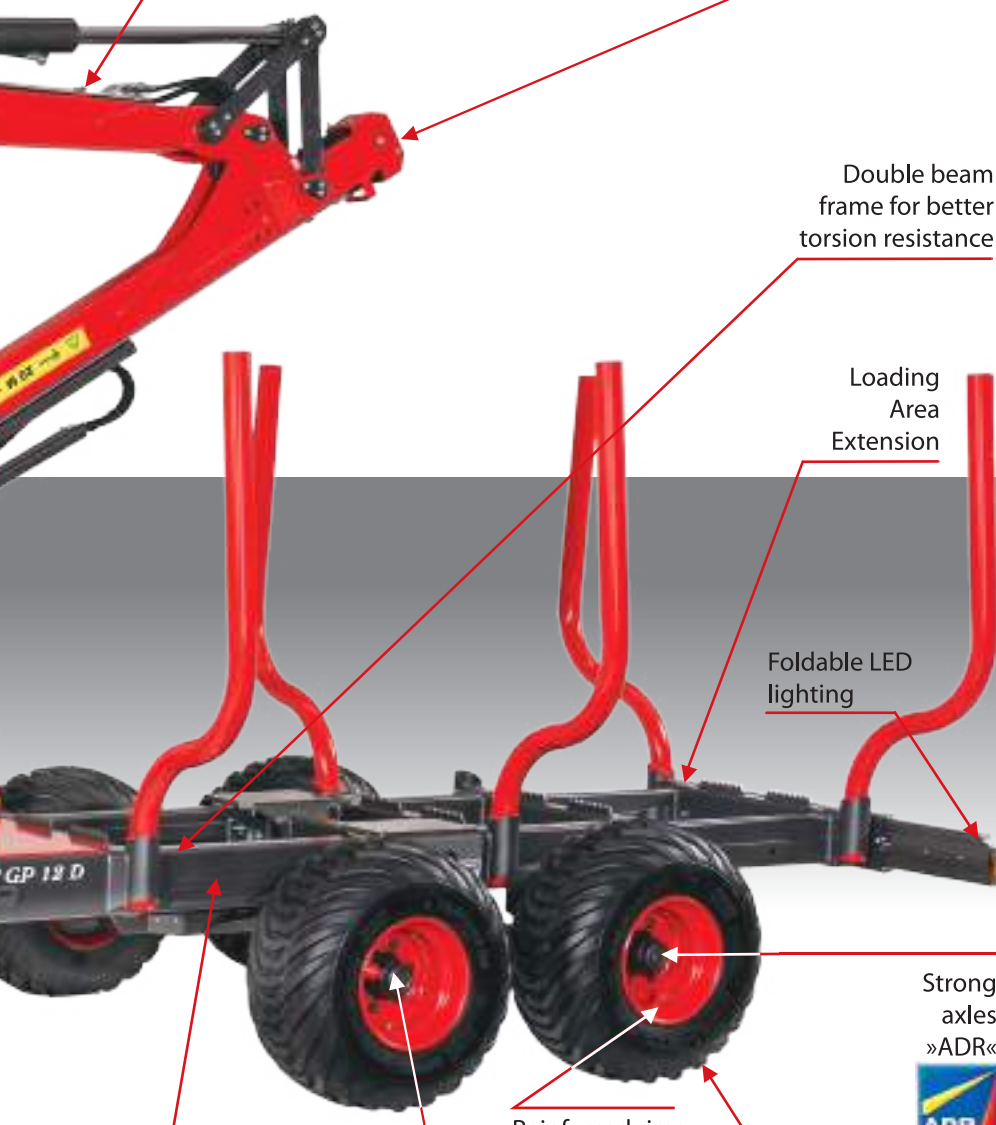


Grab blade made of fine-grained steel HARDOX 450 of Swedish manufacturer **SSAB**

Patented safety mechanism of the stakes

**3** YEAR WARRANTY

Forest crane with great lifting capacity produced by KR PAN



Sand-blasted and powder-coated surface

Double beam frame for better torsion resistance

Loading Area Extension

Foldable LED lighting

Strong axles »ADR«

Reinforced rims and valve protection

18 layer tires »BKT«

Patented hydraulic frame setting to adjust the center of gravity

Optional »BLACK BRUIN« axle drive; Finish manufacturer

**Black Bruin**  
No power like it.



Patented hydraulic frame setting to adjust the center of gravity



Hydraulic brakes on all 4 wheels (optional: pneumatic brakes)



Operating hours counter



Foldable LED lighting

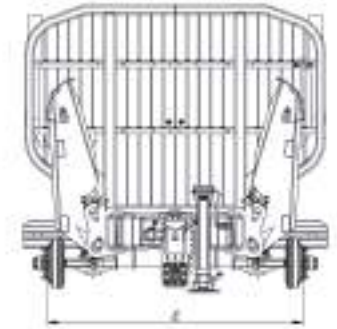
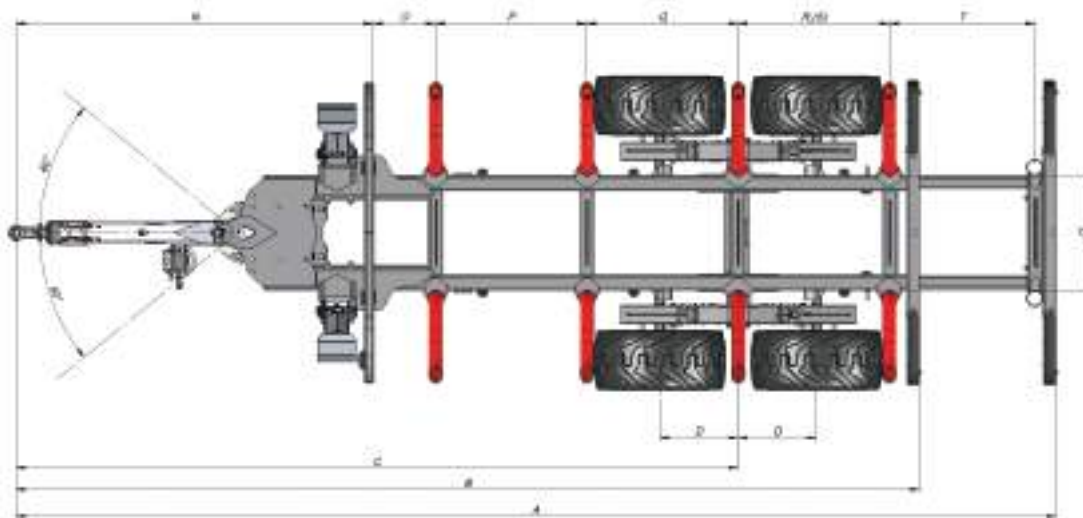
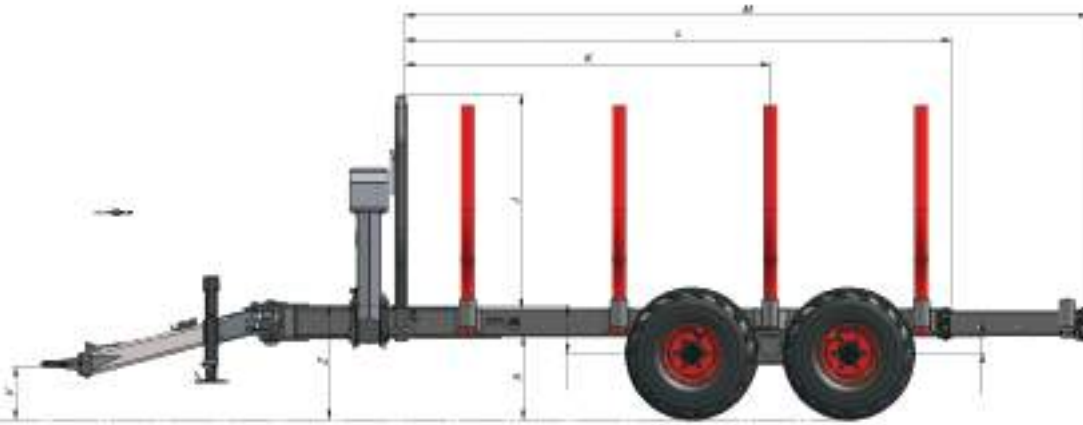


Hand Brake



Practical foldable standing platform with backrest, control lever stand and protection





| TIP   | GP 8 DF   | GP 9 DF   | GP 10 DF  | GP 11 D   | GP 12 DF  | GP 13 D   | GP 14 DF  | GP 15 D   |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| A (mm)  | 6814      | 6814      | 6814      | 6724      | 7114      | 7114      | 7464      | 7464      |
| B (mm)  | 5919      | 5919      | 5919      | 5819      | 6209      | 6209      | 6559      | 6559      |
| C (mm)  | 4730      | 4730      | 4730      | 4262-4853 | 4574      | 4470-5160 | 4744      | 4620-5410 |
| D (mm)  | 515       | 515       | 515       | 510       | 560       | 510       | 560       | 510       |
| E (mm)  | 1667      | 1667      | 1667      | 1752      | 1732      | 1818      | 1832      | 1918      |
| F (mm)  | 2060-2160 | 2060-2160 | 2060-2160 | 2142-2351 | 2122-2420 | 2208-2400 | 2222-2550 | 2308-2530 |
| G (mm)  | 400       | 400       | 400       | 400       | 400       | 400       | 400       | 400       |
| H (mm)  | 2116      | 2116      | 2116      | 2140      | 2388      | 2383      | 2390      | 2383      |
| I (mm)  | 1964      | 1964      | 1964      | 1964      | 2015      | 2015      | 2115      | 2115      |
| J (mm)  | 1400      | 1400      | 1450      | 1450      | 1615      | 1615      | 1615      | 1615      |
| K (mm)  | 2390      | 2390      | 2390      | 2024-2615 | 2215      | 2110-2800 | 2385      | 2260-3050 |
| L (mm)  | 3582      | 3582      | 3582      | 3582      | 3850      | 3850      | 4235      | 4235      |
| M (mm)  | 4477      | 4477      | 4477      | 4477      | 4745      | 4745      | 5095      | 5095      |
| N (mm)  | 2337      | 2337      | 2337      | 2337      | 2360      | 2360      | 2360      | 2360      |
| O (mm)  | 407       | 407       | 407       | 347       | 395       | 395       | 395       | 395       |
| P (mm)  | 990       | 990       | 990       | 610       | 910       | 550       | 995       | 600       |
| Q (mm)  | 990       | 990       | 990       | 750       | 910       | 850       | 995       | 953       |
| R (mm)  | 990       | 990       | 990       | 1240      | 910       | 1330      | 995       | 1427      |
| S (mm)  | /         | /         | /         | 450       | 550       | 550       | 645       | 650       |
| T (mm)  | 951       | 951       | 951       | 941       | 931       | 931       | 931       | 931       |
| U (mm)  | 750       | 750       | 750       | 750       | 800       | 800       | 900       | 900       |
| V (mm)  | 342       | 342       | 342       | 359       | 392       | 388       | 394       | 388       |
| Z (mm)  | 748       | 748       | 748       | 765       | 799,5     | 792       | 798,5     | 792       |
| X (mm)  | 545       | 545       | 545       | 562       | 572       | 567       | 568       | 567       |
| Head Board Area Cross-Section (m <sup>2</sup> )     | 2         | 2         | 2,15      | 2,15      | 2,48      | 2,48      | 2,64      | 2,64      |
| Loading Volume without Extension (m <sup>3</sup> )  | 6,9       | 6,9       | 7,7       | 7,7       | 9,9       | 9,9       | 11,37     | 11,37     |
| Loading Volume with Extension (m <sup>3</sup> )     | 8,86      | 8,86      | 9,62      | 9,62      | 11,84     | 11,84     | 13,4      | 13,4      |
| Loading Surface without Extension (m <sup>2</sup> ) | 2,58      | 2,58      | 2,58      | 2,85      | 3,16      | 3,16      | 3,87      | 3,87      |
| Loading Surface with Extension (m <sup>2</sup> )    | 3,18      | 3,18      | 3,18      | 3,45      | 3,8       | 3,8       | 4,58      | 4,58      |



| TYPE  | GP 8 DF            | GP 9 DF            | GP 10 DF           | GP 11 D            | GP 12 DF               | GP 13 D                | GP 14 DF           | GP 15 D            |
|---|--------------------|--------------------|--------------------|--------------------|------------------------|------------------------|--------------------|--------------------|
| Load Capacity (kg)  | 8.000              | 9.000              | 10.000             | 11.000             | 12.000                 | 13.000                 | 14.000             | 14.800             |
| Central Beams (mm)  | 2/180×100x6        | 2/180×100x6        | 2/180×100x6        | 2/180×100x6        | 2/200×100x6            | 2/200×100x6            | 2/200×100x8        | 2/200×100x8        |
| Loading Length / with Extension (mm)                        | 3582/ (4477)       | 3582/ (4477)       | 3582/ (4477)       | 3707 / (4487)      | 3975 / (4755)          | 3975 / (4755)          | 4325 / (5105)      | 4325 / (5105)      |
| Total Length (with Extension) / Width (mm)                  | 5919 (6814) / 2067 | 5919 (6814) / 2067 | 5919 (6814) / 2067 | 5944 (6724) / 2152 | 6209 (7100) / 2122     | 6334 (7114) / 2220     | 6559 (7454) / 2222 | 6686 (7466) / 2318 |
| Weight (kg)*  | 1690               | 1690               | 1690               | 1734               | 2100                   | 2144                   | 2300               | 2352               |
| Tires Alliance 400/60-15,5; 16 ply.                         | standard           | standard           | standard           | /                  | /                      | /                      | /                  | /                  |
| Tires 400/60-15,5; 18 ply.                                  | optional           | optional           | optional           | standard           | standard               | standard               | standard           | standard           |
| Tires Alliance 480/45-17; 14 ply.                           | optional           | optional           | optional           | optional           | /                      | /                      | /                  | /                  |
| Tires BKT 500/50-17; 18 ply.                                | optional           | optional           | optional           | optional           | optional               | optional               | optional           | optional           |
| Tires BKT 400/55-22,5; 20 ply.                              | /                  | /                  | /                  | /                  | optional               | optional               | optional           | optional           |
| Tires BKT 550/45-22,5; 20 ply.                              | /                  | /                  | /                  | /                  | optional               | optional               | optional           | optional           |
| Tires BKT ali Alliance 600/50-22,5; 18 ply.                 | /                  | /                  | /                  | /                  | /                      | /                      | optional           | optional           |
| No. of Frame Steering Cylinders                             | 2                  | 2                  | 2                  | 2                  | 2                      | 2                      | 2                  | 2                  |
| Drawbar Angle   | +,- 40°            | +,- 40°            | +,- 40°            | +,- 40°            | +,- 40°                | +,- 40°                | +,- 40°            | +,- 40°            |
| Hydraulic Brakes on All 4 Wheels                            | standard           | standard           | standard           | standard           | standard               | standard               | standard           | standard           |
| Pneumatic Brakes on All 4 Wheels                            | optional           | optional           | optional           | optional           | optional               | optional               | optional           | optional           |
| Combined Brakes on All 4 Wheels (pneumatic + hydraulic)     | /                  | /                  | /                  | optional           | /                      | optional               | /                  | optional           |
| Combined Brakes on All 4 Wheels (overrun brake + hydraulic) | optional           | /                  | /                  | /                  | /                      | /                      | /                  | /                  |
| Dual-Circuit Hydraulic Brake System                         | optional           | optional           | optional           | optional           | optional               | optional               | optional           | optional           |
| 2WD Inner Drum Drive  | /                  | /                  | /                  | optional BB4**     | optional BB4**/ BB5*** | optional BB4**/ BB5*** | optional BB5***    | optional BB5***    |
| 4 WD Inner Drum Drive                                       | /                  | /                  | /                  | /                  | optional BB4**/ BB5*** | optional BB4**/ BB5*** | optional BB5***    | optional BB5***    |
| Stakes (Pair)   | 3                  | 3                  | 3                  | 4                  | 3                      | 4                      | 3                  | 4                  |
| Loading Area Extension                                      | optional           | optional           | optional           | standard           | optional               | standard               | optional           | standard           |
| Hydraulic Frame Setting                                     | /                  | /                  | /                  | standard (600 mm)  | /                      | standard (700 mm)      | /                  | standard (800 mm)  |
| LED Rear Lights   | standard           | standard           | standard           | standard           | standard               | standard               | standard           | standard           |
| Wedges  | standard           | standard           | standard           | standard           | standard               | standard               | standard           | standard           |
| Hand Brake  | standard           | standard           | standard           | standard           | standard               | standard               | standard           | standard           |
| Additional Stakes   | optional           | optional           | optional           | optional           | optional               | optional               | optional           | optional           |
| Brushwood Bin   | optional           | optional           | optional           | optional           | optional               | optional               | optional           | optional           |
| Bale Trailer Platform                                       | optional           | optional           | optional           | optional           | optional               | optional               | optional           | optional           |
| Bale Trailer Platform                                       | /                  | /                  | /                  | /                  | /                      | /                      | /                  | optional           |
| Hydraulic Support Leg                                       | optional           | optional           | optional           | optional           | optional               | optional               | optional           | optional           |
| Towing eye Ø 40 fix   | standard           | standard           | standard           | standard           | standard               | standard               | standard           | standard           |
| Towing eye Ø 50 fix   | optional           | optional           | optional           | optional           | optional               | optional               | optional           | optional           |
| Towing eye Ø 50 rotating                                    | optional           | optional           | optional           | optional           | optional               | optional               | optional           | optional           |
| Towing eye ball coupling system K 80                        | optional           | optional           | optional           | optional           | optional               | optional               | optional           | optional           |
| P.T.O. Shaft Walterscheid                                   | optional           | optional           | optional           | standard           | optional               | standard               | optional           | standard           |
| Wood Pick, Axe, Chainsaw and Canister Holder                | optional           | optional           | optional           | standard           | optional               | standard               | optional           | standard           |
| Tool Box  | optional           | optional           | optional           | standard           | optional               | standard               | optional           | standard           |
| Axle (mm)   | 60 × 60            | 70 × 70            | 70 × 70            | 70 × 70            | 80 × 80                | 80 × 80                | 80 × 80            | 80 × 80            |

\* Weight without Wheels

\*\* BB4 with Tires 400/60-15,5 or 480/45-17 or 500/50-17

\*\*\* BB5 with Tires 500/50-17 or 400/55-22,5 or 550/45-22,5 or 600/50-22,5

| TYPE     | GP 8 DF | GP 9 DF | GP 10 DF | GP 11 D | GP 12 DF | GP 13 D | GP 14 DF | GP 15 D |
|----------|---------|---------|----------|---------|----------|---------|----------|---------|
| GD 6,6 K | •       | •       | •        | •       | ✕        | ✕       | ✕        | ✕       |
| GD 7,6 K | •       | •       | •        | •       | ✕        | ✕       | ✕        | ✕       |
| GD 7,4 K | ✕       | ✕       | ✕        | •       | •        | •       | •        | •       |
| GD 8,6 K | ✕       | ✕       | ✕        | ✕       | •        | •       | •        | •       |
| GD 7,2 Z | ✕       | ✕       | ✕        | ✕       | •        | •       | •        | •       |
| GD 8,4 Z | ✕       | ✕       | ✕        | ✕       | •        | •       | •        | •       |

## POSSIBILITIES TO COMBINE CRANES WITH TRAILERS

• possible  
✕ not possible





# forestry crane control



Cross Lever Control  
with el. ON/OFF Functions



Mechanical EURO Control

Proportional Hydraulic (low-pressure) Joystick Control



Proportional Electric Joystick Control

Radio Remote Control ELCA BRAVO M



High Seat

with Mechanical  
Control Levers



High Seat

with Proportional  
Electric Joystick  
Control





**3** YEAR WARRANTY

# forestry trailer accessories



Brushwood Bin



GP 15 D + GD 8,4 Z



Bale Trailer Platform

Round Bale Adapter



Platform

# forestry crane accessories



Hydraulic Winch

Operational LED Lights





# GP forestry trailers with GD cranes

GP 13 D with GD 7,4 K

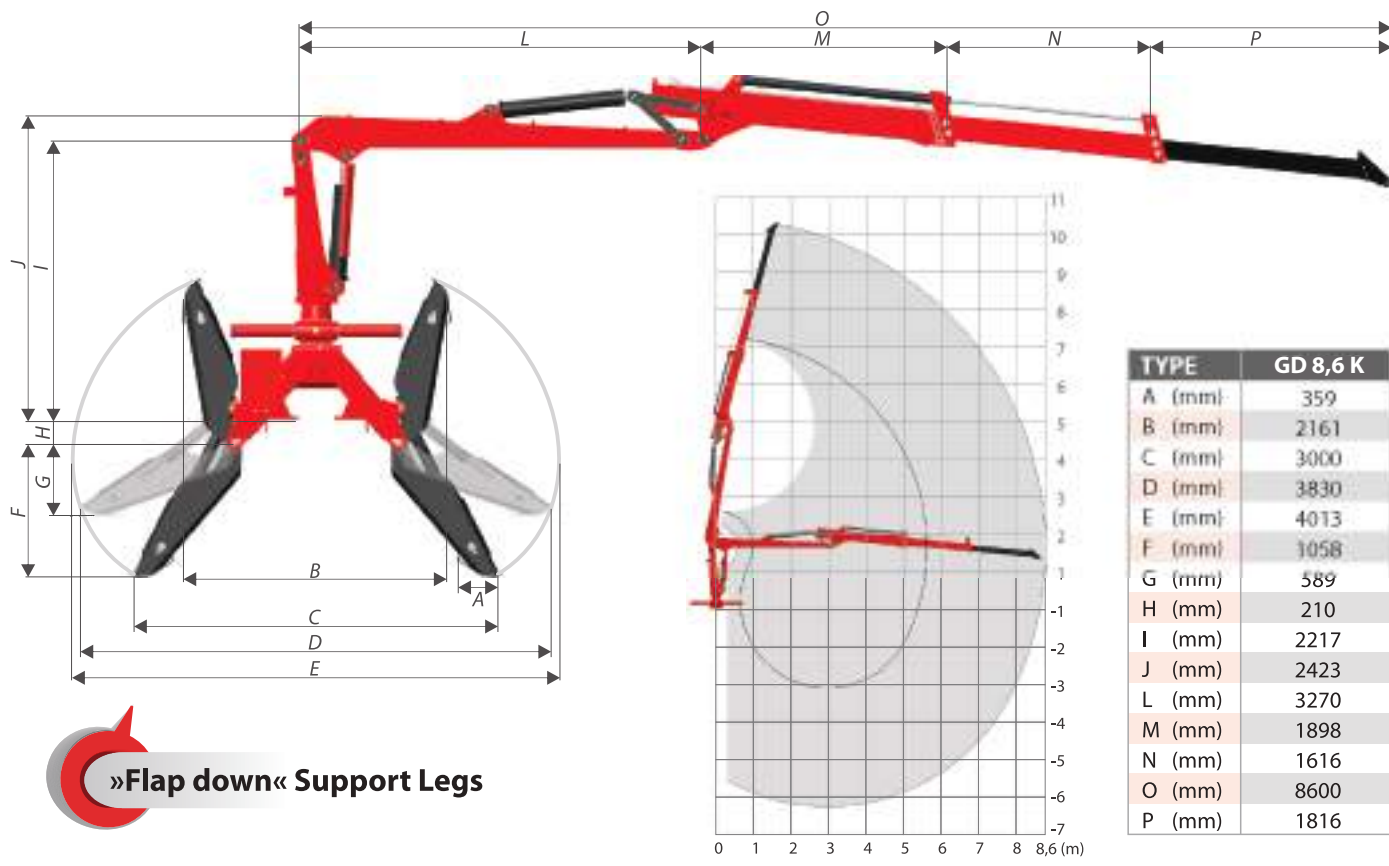


| TYPE  | GD 6,6 K        | GD 7,6 K        | GD 7,4 K    | GD 8,6 K    | GD 7,2 Z    | GD 8,4 Z    |
|---|-----------------|-----------------|-------------|-------------|-------------|-------------|
| Reach max. / with Grab open (m)                                     | 6,6 / 7,2       | 7,6 / 8,2       | 7,4 / 8,0   | 8,6 / 9,2   | 7,2 / 7,8   | 8,4 / 9,0   |
| Lifting Torque net (kNm)  | 40              | 39              | 63          | 58          | 62          | 60          |
| Lifting Capacity at 4 m with Grab (kg)                              | 1020            | 1020            | 1860        | 1670        | 1460        | 1427        |
| Lifting Capacity at max. Reach (kg)                                 | 600             | 500             | 850         | 720         | 894         | 760         |
| Weight (kg)*  | 900             | 930             | 1516        | 1706        | 1530        | 1855        |
| Slew Torque (kNm)   | 16              | 16              | 22          | 21,8        | 22          | 22          |
| Slewing Angle   | 375°            | 375°            | 380°        | 380°        | 370°        | 370°        |
| System Pressure (bar)   | 220             | 220             | 230         | 230         | 230         | 230         |
| Oil Quantity in Tank (l)  | 70              | 70              | 100         | 100         | 100         | 100         |
| Slew Cylinders  | 4               | 4               | 4           | 4           | 4           | 4           |
| Telescopic Stages   | 1               | 1               | 1           | 2           | 1           | 2           |
| Support Legs (A or "flap down" by choice)                           | A / "flap down" | A / "flap down" | "flap down" | "flap down" | "flap down" | "flap down" |
| Crane Rotating Gear in Oil Bath                                     | standard        | standard        | standard    | standard    | standard    | standard    |
| Self Sufficient Hydraulic System with Cast-Iron Pump                | optional        | standard        | standard    | standard    | standard    | standard    |
| 3 Point Linkage   | optional        | optional        | optional    | optional    | optional    | optional    |
| Control with Mechanical Joysticks                                   | standard        | standard        | optional    | optional    | optional    | optional    |
| Cross Lever Control with el. ON/OFF Functions                       | optional        | optional        | /           | /           | /           | /           |
| Proportional Hydraulic (low pressure) Joystick control              | optional        | optional        | standard    | standard    | standard    | standard    |
| Control with Proportional Electrical Joysticks                      | optional        | optional        | optional    | optional    | optional    | optional    |
| High Seat Control   | /               | /               | optional    | optional    | optional    | optional    |
| Radio Remote Control **   | optional        | optional        | optional    | optional    | optional    | optional    |
| Control Lever Protection  | standard        | standard        | standard    | standard    | standard    | standard    |
| Double Cast-Iron Pump (tandem) with Double Circuit Control ***      | /               | /               | optional    | optional    | optional    | optional    |
| Piston Pump   | /               | /               | optional    | optional    | optional    | optional    |
| Single Flow Piston Pump with Multiplier                             | /               | /               | optional    | optional    | optional    | optional    |
| Double Flow Piston Pump with Double Circuit Control                 | /               | /               | optional    | optional    | optional    | optional    |
| Double Flow Piston Pump with Double Circuit Control with Multiplier | /               | /               | optional    | optional    | optional    | optional    |
| LS Tractor System without its Own Hydraulic System                  | optional        | optional        | optional    | optional    | optional    | optional    |
| Oil Cooler  | optional        | optional        | standard    | standard    | standard    | standard    |
| Rotator 30 kN (with Flange)   | standard        | standard        | /           | /           | /           | /           |
| Rotator 45 kN (with Flange)   | optional        | optional        | standard    | standard    | standard    | standard    |
| Rotator 55 kN (with Flange)   | optional        | optional        | optional    | optional    | optional    | optional    |
| Flange Rotator 45 kN / 55 kN  | /               | /               | optional    | optional    | optional    | optional    |
| Grab GR 120 with Flange   | standard        | standard        | /           | /           | /           | /           |
| Grab GR 130   | optional        | optional        | standard    | standard    | standard    | standard    |
| Grab GR 150   | optional        | optional        | optional    | optional    | optional    | optional    |
| Profi Grab GR 23, GR 27, GR 27 BIO, GR 35 or GR 43                  | optional        | optional        | optional    | optional    | optional    | optional    |
| Swing Damper (single / double)                                      | optional        | optional        | optional    | optional    | optional    | optional    |
| Operational LED Lights  | optional        | optional        | optional    | optional    | optional    | optional    |
| Operating Hours Counter - Pressure                                  | optional        | optional        | standard    | standard    | standard    | standard    |
| Hydraulic Winch 1.8 t   | optional        | optional        | optional    | optional    | /           | /           |
| Log Holder  | optional        | optional        | optional    | optional    | /           | /           |

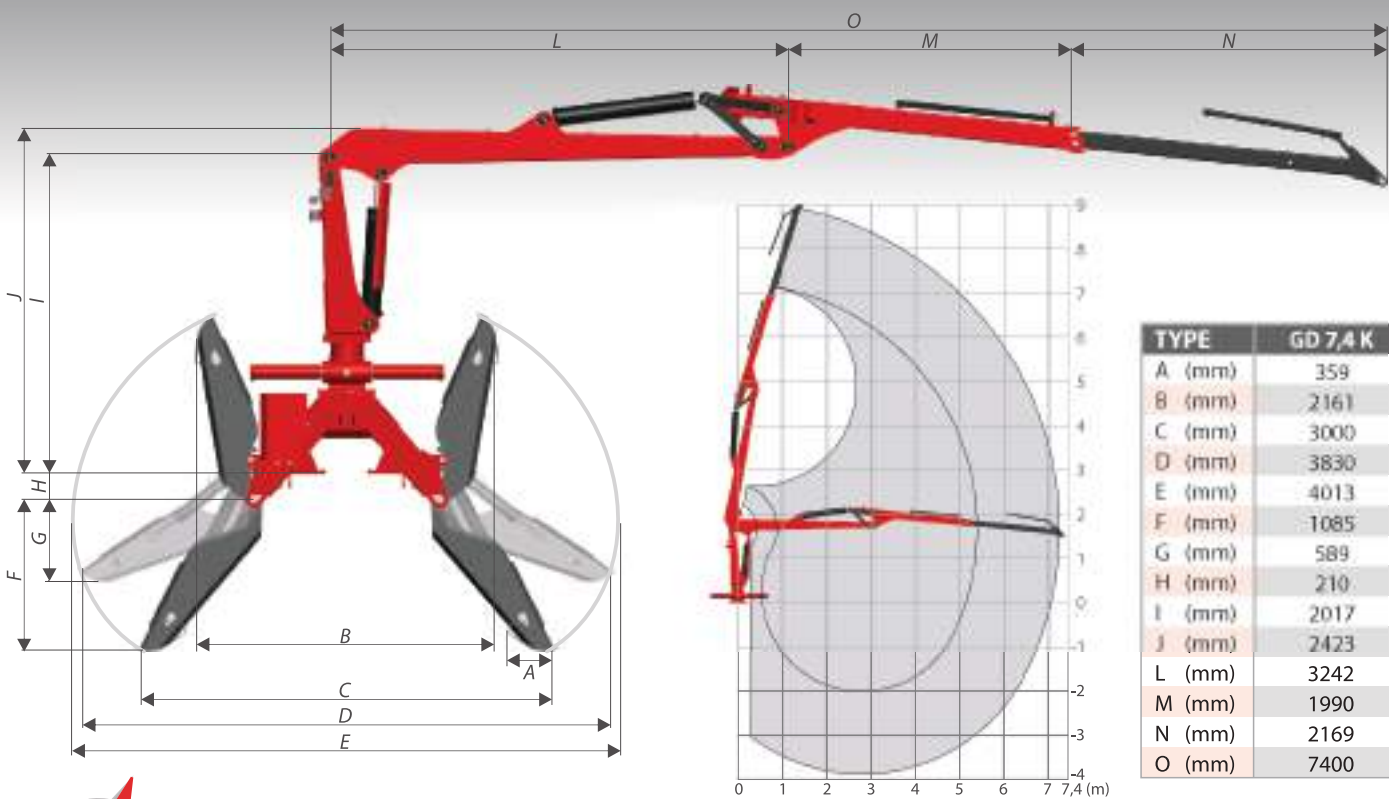
\* Weight without Support Legs, Oil, Grab and Rotator

\*\* With Proportional Electrical Joysticks

\*\*\* Double Cast-Iron Pump (tandem) with double circuit control is not possible with upper hitch.

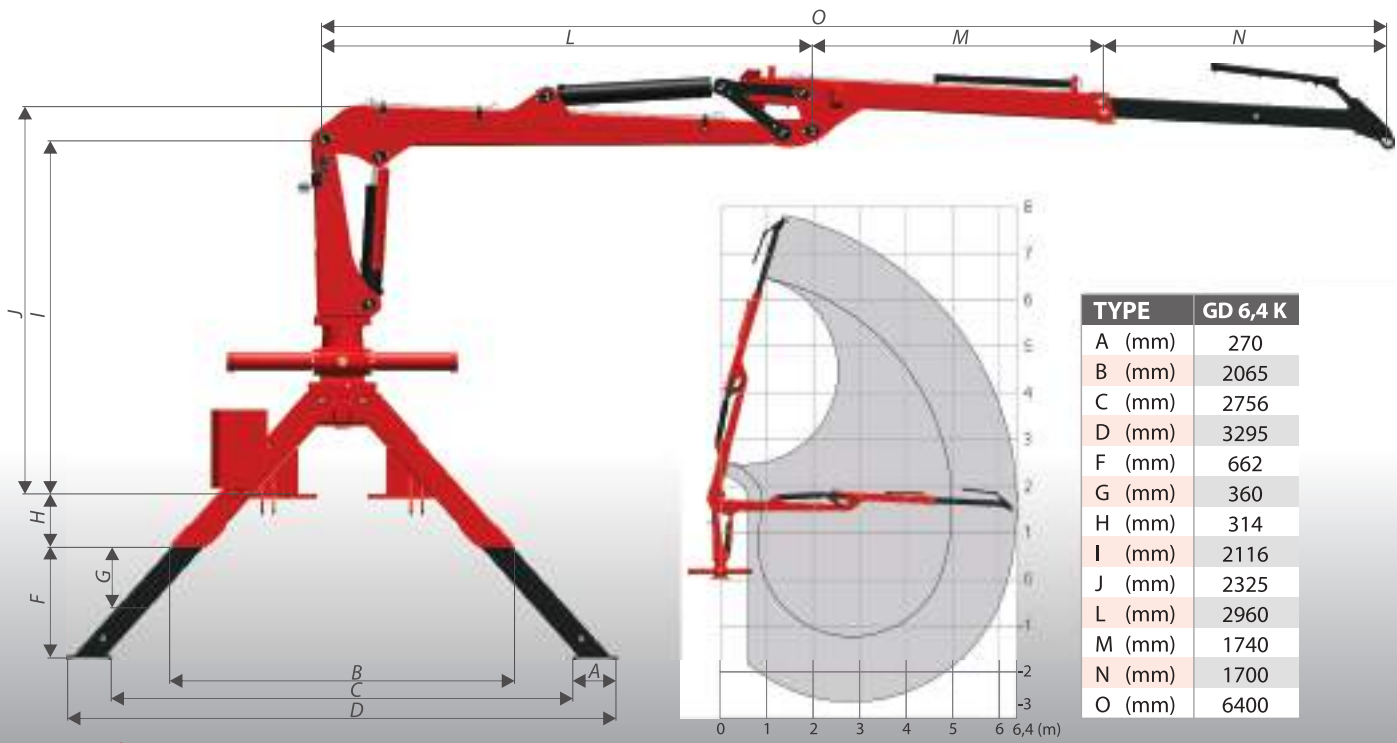


»Flap down« Support Legs



»Flap down« Support Legs



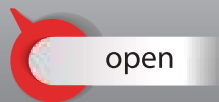


| TYPE   | GD 6,4 K |
|--------|----------|
| A (mm) | 270      |
| B (mm) | 2065     |
| C (mm) | 2756     |
| D (mm) | 3295     |
| F (mm) | 662      |
| G (mm) | 360      |
| H (mm) | 314      |
| I (mm) | 2116     |
| J (mm) | 2325     |
| L (mm) | 2960     |
| M (mm) | 1740     |
| N (mm) | 1700     |
| O (mm) | 6400     |

**A Support Legs**



# GR grabs

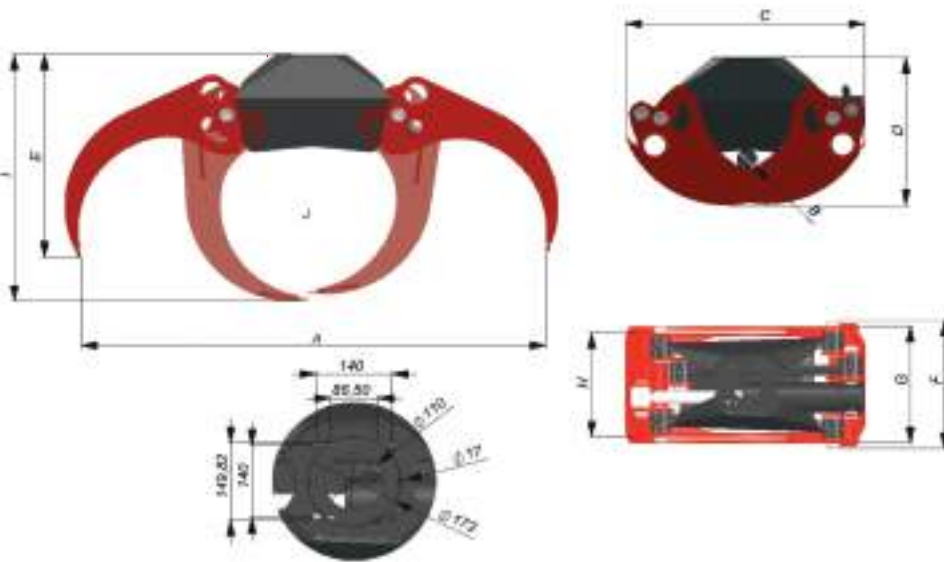


open



closed

Grab blade made of fine-grained steel HARDOX 450 of Swedish manufacturer **SSAB**



Biomass Grab



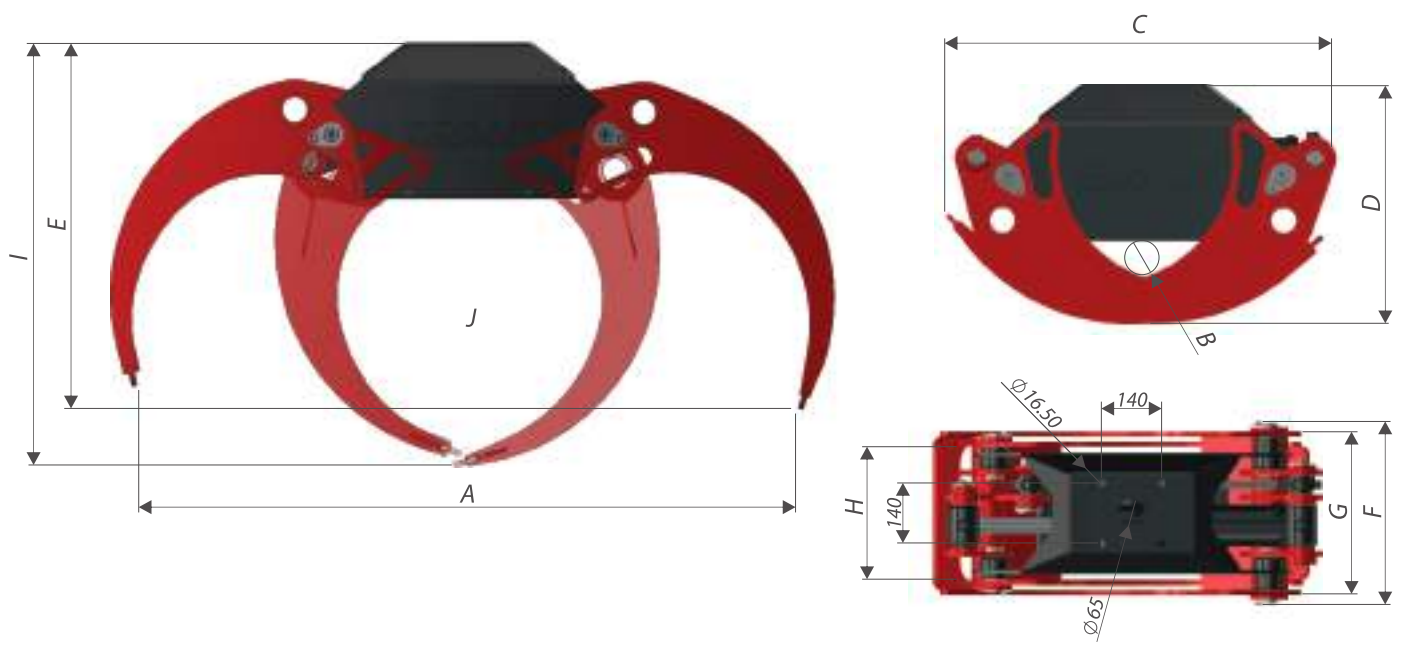
Grab Bucket

**NEW**

## Pro Line GR

| TYPE                                 | GR 23 | GR 27 | GR 27 BIO | GR 35 | GR 43 | GR 53 |
|--------------------------------------|-------|-------|-----------|-------|-------|-------|
| A Max. Opening Width (mm)            | 1375  | 1570  | 1570      | 1750  | 2050  | 2150  |
| B Smallest Diameter (mm)             | 82    | 90    | 90        | 75    | 90    | 118   |
| C Length - closed (mm)               | 780   | 815   | 815       | 915   | 985   | 1130  |
| D Height - closed (mm)               | 550   | 570   | 570       | 570   | 605   | 680   |
| E Height - open (mm)                 | 730   | 708   | 708       | 775   | 760   | 940   |
| F Width 1 (mm)                       | 494   | 494   | 494       | 494   | 494   | 568   |
| G Width 2 (mm)                       | 450   | 450   | 470       | 450   | 450   | 525   |
| H Width 3 (mm)                       | 402   | 402   | 412       | 402   | 402   | 475   |
| I Height - partly closed (mm)        | 835   | 880   | 880       | 955   | 1025  | 1170  |
| J Cross-Section (m <sup>2</sup> )    | 0,23  | 0,27  | 0,27      | 0,33  | 0,41  | 0,51  |
| Max. Pressure (bar)                  | 250   | 250   | 250       | 250   | 250   | 250   |
| Gripping Force at Max. Pressure (kN) | 14,6  | 13,5  | 13,5      | 19,5  | 20,1  | 23,4  |
| Load Capacity (kg)                   | 4500  | 5000  | 5000      | 6000  | 7000  | 5000  |
| Weight (kg)                          | 155   | 179   | 194       | 204   | 230   | 275   |

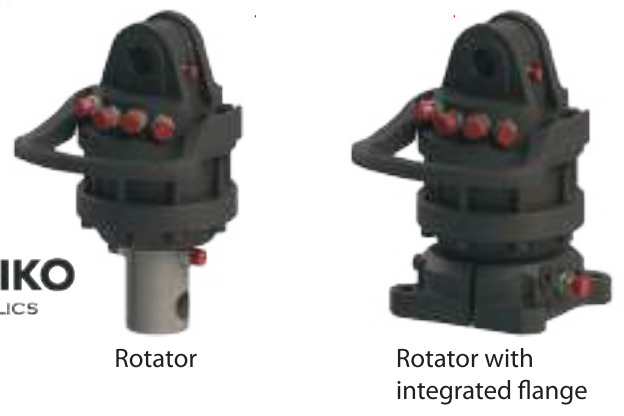
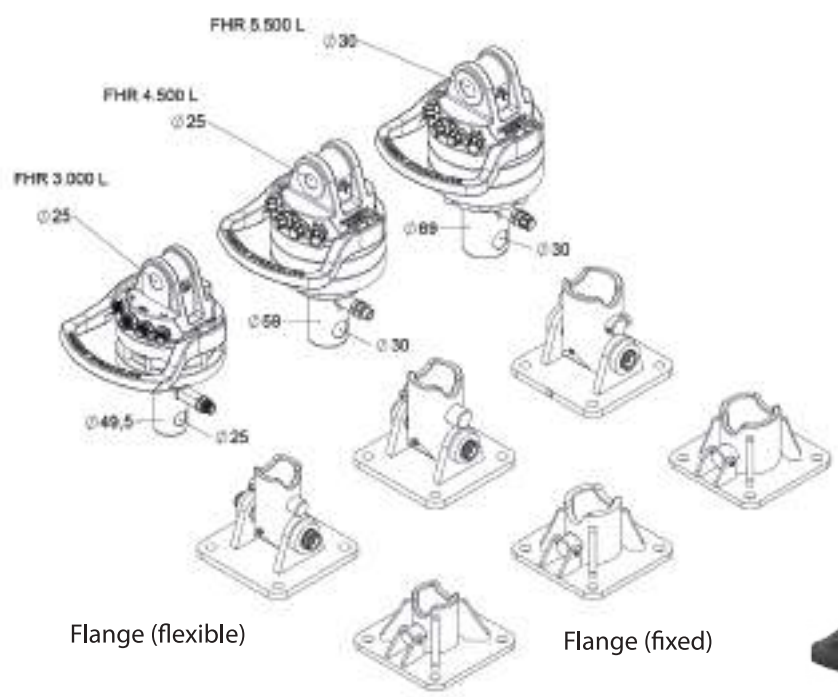




|   | TYPE                                 | GR 120 | GR 130 | GR 150 | GR 170 |
|---|--------------------------------------|--------|--------|--------|--------|
| A | Max. Opening Width (mm)              | 1250   | 1300   | 1500   | 1700   |
| B | Smallest Diameter (mm)               | 58     | 70     | 70     | 90     |
| C | Length - closed (mm)                 | 745    | 807    | 910    | 1035   |
| D | Height - closed (mm)                 | 505    | 515    | 552    | 563    |
| E | Height - open (mm)                   | 760    | 770    | 857    | 961    |
| F | Width (mm)                           | 382    | 423    | 421    | 421    |
| G | Width 2 (mm)                         | 354    | 383    | 381    | 381    |
| H | Width 3 (mm)                         | 314    | 310    | 310    | 310    |
| I | Height - partly closed (mm)          | 840    | 847    | 943    | 1033   |
| J | Cross-Section (m <sup>2</sup> )      | 0,18   | 0,23   | 0,29   | 0,41   |
|   | Max. Pressure (bar)                  | 230    | 230    | 230    | 230    |
|   | Gripping Force at Max. Pressure (kN) | 14,0   | 12,5   | 13,4   | 14,7   |
|   | Load Capacity (kg)                   | 3000   | 3500   | 3500   | 4000   |
|   | Weight (kg)                          | 90     | 138    | 165    | 205    |



**Swing damper**





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