

**THE WORLDS  
BEST  
GRAPPLE  
ARE PRODUCED  
IN HUDIKSVALL**

HSP Gripen is manufactured using the latest technology to produce grapples of the absolute highest quality.

# HSP Gripen *of Sweden*





**THE ORIGINAL  
IN 100  
DIFFERENT  
WAYS**



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# ABOUT

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**FOR TOUGH  
JOBS AND  
HEAVY  
LIFTING**

**HSP Gripen**  
*of Sweden*

## INHOUSE PRODUCTION

Our entire production line, from design to finished product, is based in Hudiksvall, Northern Hälsingland. State-of-the-art facilities ensure efficient production which include laser-cutting operations, robotic welding, auto turning and multi-operation machining. Steel of the highest quality is of absolute necessity (Hardox, Strenx and Domex) and by powder coating our grapples, you have a working partner to safeguard the endurance of all elements. Stability is ensured by using dual boom tubes<sup>1</sup> on all models and a strategic design. There is simply no end to the clever features, the proven performance and carefully elaborated details – our aim is to give you the best the market has to offer today and tomorrow.

<sup>1</sup> Except for models 015 and 020.

Visit us at [www.hsp.se](http://www.hsp.se) or call +46 652-366 00.

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# CONTACT

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# FOREST



HSP GRIPEN 040 HD  
CS. Dahlbergs Skog  
John Deere 1910g

## WHERE IT ALL STARTED

Back in 1994 a machine operator had an idea for a new, superior grapple tool. And the rest is history! Today we are the proud designers of six different models in 38 different sizes, and counting...

Developed for forest transportation on forwarders, timber trucks and forestry trailers.



### STANDARD

#### THE ORIGINAL

The twin cylinders in the standard grapple provide low and even shaft loading, which means less wear. The design of the claws allows the logs to roll in gently, fills the grapple efficiently, and ensures that the load stays in place. This grapple works quickly and easily on all types of material.

GRAPPLE AREA (M <sup>2</sup> )	015*	020*	025	028
WEIGHT (KG)	120	130	225	230
035	040	050	055	
255	285	310	325	

\* Single cylinder



- ➔ UNIQUE DESIGN WITH SUPERIOR FILLING VOLUME AND SMOOTH ROLL-IN
- ➔ TWIN CYLINDERS FOR A LOW AND EVEN AXLE LOAD
- ➔ END POSITION CUSHIONING ON CYLINDERS
- ➔ DUAL BOOM TUBES FOR GREAT STABILITY
- ➔ EXPANDER PINS

**FOR TOUGH JOBS AND HEAVY LIFTING**  
**Gripen**  
*of Sweden*



**HEAVYDUTY**

**FOR TOUGH JOBS**

Our most powerful grapple is designed for heavy lifting and tough jobs. This makes them particularly suitable for clear-cutting forwarders etc. The steel plates are thicker, the rotator plate is larger, the lower boom tubes are reinforced, which combine to make the Heavy Duty our stiffest grapple.



**BIO**

**MAXIMISE FOREST YIELD**

The Bio model has been designed for quick, easy handling of slash and waste material, parts of trees and other material that is to be chipped to BioFuel, either directly into chippers during felling, or later from a stockpile. The Bio model uses reinforced boom tubes and twice the material thickness in the claws. The Bio also has mechanical end stops, which prevents the cylinders from bottoming. There is also a widened Bio model for stump handling etc.



**DUO**

**TWO IN ONE**

A Duo\* saves you time and makes swapping between brushwood and timber claws easy. Function changes take less than 10 minutes and just a few simple steps. With a Duo you waste neither time nor oil. Jobs you needed two grapples for are now done by one.

*\* patented*

GRAPPLE AREA (M <sup>2</sup> )	025	028	035	055
WEIGHT (KG)	243/255	248/260	275/290	345/360

GRAPPLE AREA (M <sup>2</sup> )	015*	020*	025	028
WEIGHT (KG)	150	160	250	260
035	040	055	050	
285	320	365	340	

\* Single cylinder

GRAPPLE AREA (M <sup>2</sup> )	015*	020*	025	028
WEIGHT (KG)	135	145	235	240
035	040	055	080**	100**
265	295	335	790	920

\* Single cylinder

Read more at [HSP.SE](http://HSP.SE)



**V-SHAPE**

The easy way to sort timber



**HDX**

For extreme jobs in tough environments

# CONSTRUCTION



Intended for use on Excavators. In 1999 we introduced our first model especially designed for excavator fitting. The market confirmed we were right and today, our two models available in ten sizes offer a wide range of grapples for all kinds of excavator work.

## HSP GRIPEN 040 CONSTRUCTION

Robin Jonssons Grävmaskiner,  
The harbor in Sundsvall.



- ➔ UNIQUE DESIGN WITH THE WIDEST OPENING
- ➔ FRAME BENT IN ONE PIECE
- ➔ LOAD RETENTION VALVE AND PISTON ACCUMULATOR AS STANDARD
- ➔ BRACKET DESIGNED FOR MOST MANUFACTURERS
- ➔ TWIN CYLINDERS FOR A LOW AND EVEN AXLE LOAD
- ➔ DUAL BOOM TUBES FOR GREAT STABILITY

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### CONSTRUCTION

#### WIDEST OPENING

The Construction is our premium grapple, which probably opens wider than any other grapple. It is designed to be mounted on an excavator, and has a unique stand that uses heavier plate, bent in one piece, and no welded side pieces. The load retention valve and piston accumulator\* are installed inside the stand, integrated with the hydraulic system. Construction can do heavy lifting, and is extremely stable at the same time.

GRAPPLE AREA (M <sup>2</sup> )	CG04*	CG08*	CG16	CG18
VIKT (KG)	80	165	290	340
CG22	CG30			
380	830			

\* Single cylinder



### SORTING

#### QUICK, EASY LIFTING OF STONES AND SCRAP

The Sorting grapple is particularly suitable for use in building and construction sites as well as recycling facilities. It's equipped with a load retention valve and piston accumulator that are fitted inside the stand, integrated with the hydraulic system. Sorting can manage heavy lifting and is extremely stable at the same time. Unlike Construction, this grapple closes tip to tip.

GRAPPLE AREA (M <sup>2</sup> )	SG04*	SG08*	SG16	SG18
VIKT (KG)	50	200	320	380
SG22	SG30			
590	1100			

\* Single cylinder



**HSP GRIPEN 040 SORTING**  
Ulvberget, Hudiksvall

# TERMINAL

**HSP GRIPEN 150 LB**  
Rolf Antonsson Entr. AB,  
Torsboda Terminal

## TIME IS MONEY!

Harbour and Terminal handling is often about executing within the shortest time possible. That's where we come in! For over 20 years we have been providing ports and timber terminals with superior grapple tools for handling large volumes of bulk material. Our grapple comes in two models and 16 sizes, and the bucket comes in six sizes.





- THE TERMINAL AND LB GRAPPLE HAVE A UNIQUE DESIGN WITH SUPERIOR FILLING VOLUME AND SMOOTH ROLL-IN
- THE TERMINAL HAS TWO TYPES OF CLAW DESIGN, FOR TRUCK OR BOAT APPLICATIONS
- THE BUCKETS HAVE A UNIQUE DESIGN FOR QUICK FILL UP AND TO EMPTY THE BULK MATERIAL



**TERMINAL**

**EFFECTIVE TIMBER HANDLING**

Our terminal grapple is designed to handle large volumes of wood at sawmills, timber terminals, harbour facilities etc. It's stable and robust design makes it both reliable and user friendly. The Terminal closes tip to tip, and it has twin chains that keep the timber in place even when the grapple does not have a full load.



**TERMINAL LB**

**FOR HEAVY LIFTING**

Terminal LB (LowBuilt) grapple is similar to the normal terminal grapple and has the same excellent handling. It has been designed for efficient loading of large volumes of goods. The Terminal LB is basically a large HeavyDuty. i.e. a large grapple with overlapping claws. We offer two different types of grapple, Terminal and Terminal LB, to do the same job. Choose the one that suits you best.



**TERMINAL BUCKET**

**FOR HANDLING OF LARGE VOLUMES**

Our terminal buckets is designed for an effective handling of bulk material and to handle large volumes of bulk material at sawmills, timber terminals, harbour facilities etc. It's stable and robust design makes it both reliable and user friendly. The buckets are optimized to easily fill as well as empty the bulk material with high productivity. The terminal buckets come in sizes from 4m<sup>3</sup> to 12m<sup>3</sup>.

GRAPPLE AREA (M <sup>2</sup> )	150	175	200	225
WEIGHT (KG)	1780	1820	1880	1920
250	300	325	350	375
1980	2200	2465	2560	2620

GRAPPLE AREA (M <sup>2</sup> )	080	100	125	150
WEIGHT (KG)	800	930	1400	1650
175	225			
1850	2100			

BUCKET VOLUME (L)	4000	5000	6000	7500
WEIGHT (KG)	2970	3110	3250	3500
9000	12000			
3750	4100			

# INDUSTRY

**O**ur industry segment carries a broad variety of grapples. For use on both stationary as well as mobile cranes.



## RECYCLING

### LIFTING SCRAP, STUMPS AND PARTS OF TREES

A special development for the recycling industry, our RC grapple is ideal for fast and easy handling and sorting of varying materials, such as junk, scrap and recyclable wood. The RC has more and stronger claw tines as well as mechanical stops preventing the cylinders from reaching their end positions. For work with wood recycling, stumps and tree limbs on a daily basis, the RC also comes in an extra wide Heavy-Duty (HD+) design.

- EXPANDER BOLTS
- EXTREMELY HIGH QUALITY
- POWDER COATED
- MADE FROM HIGH-GRADE STEEL

GRAPPLE AREA (M <sup>2</sup> )	028	035 HD+	040	050	055 HD+
WEIGHT (KG)	290	345	345	390	410



## INDUSTRY

### AS REQUESTED BY THE SAWMILLS

The Industry model has been specially designed for the sawmill industry, but can also be installed on other applications. Industry has three claws, for easy separation and grasping of single logs. Industry features low profile design, it is wider and thus more stable, without compromising ease of operation.

GRAPPLE AREA (M <sup>2</sup> )	015*	025
WEIGHT (KG)	175	246



## SOLID BUCKETS

### FOR CHIPS AND OTHER BULK MATERIALS

The new generation of chip buckets is based on our time-tested, successful grapple technology and comes in sizes from 0.15 to 1.8 m<sup>3</sup>. The buckets have been specifically developed for chip handling and optimum function inside chip vans and on the ground. They can also be adapted to other bulk materials such as ballast and fillers.

- OPTIMUM GEOMETRY
- STABLE AND ROBUST DESIGN
- EXTREMELY HIGH QUALITY
- POWDER COATED
- MADE FROM HIGH-GRADE STEEL

BUCKET VOLUMES (L)	150	250	500	700
WEIGHT (KG)	207	290	360	410
1000	1500	1800		
500	620	650		



# ATTACHMENT

**G**et more out of your grapple!  
With our smart and custom-made attachments you can easily make a bucket out of your grapple, or why not even add a chain saw!

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**BUCKET HALVES**

## FAST AND FLEXIBLE

Bucket halves for chip handling are available as accessories for Standard, HD, BIO and Construction grapples in 150-225 litre sizes. These bucket halves are suitable for the 015 HSP Gripen and mean that you quickly switch from the timber grapple to the chip bucket and vice versa. Quick and easy. These buckets are also available in a narrower design for clearing out ditches and the like. You can switch over in less than 20 minutes. Saving both time and money for your business. Why make it more complicated?



**SAW CASSETTE**

## FOR EXACT LENGTHS

The saw cassette for both excavator- and rotator attachment is a smart accessory for example, length cutting, cutting bioenergy materials or tree parts. Also suitable on service vehicles such as multi-use backhoe loaders. This is possible by the brand new excavator attachment. Ideal for cutting and clear cutting work in city environments or in association with storm damages. Individually adaptable for each grapple model or excavator attachment. Adapted for assembly on HSP Gripen 025, 028, 035, 040, 055 and 080 models.



**HSP GRIPEN 055 RC HD +**  
Kungsbacka Skogsentreprenad

BUCKET VOLUMES (L)	120	200	300	400	
WEIGHT (KG)	60	75	85	150	
800	1400	1800	2500	4000	7500
220	300	350	370	710	1090



# HSP Gripen

*of Sweden*

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