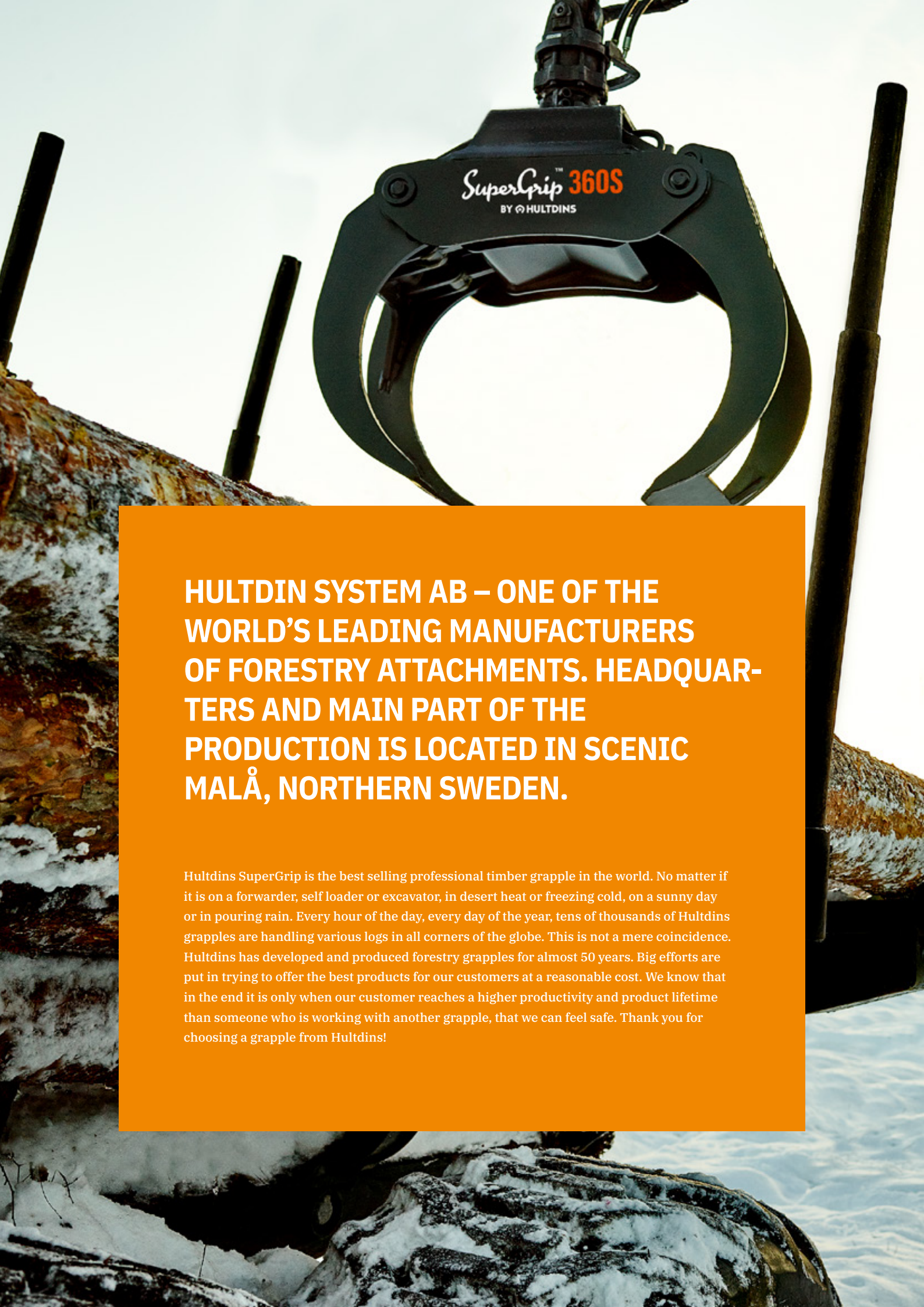




SuperGrip®

BY HULTDINS



SuperGrip™ 360S
BY HULTDINS

**HULTDIN SYSTEM AB – ONE OF THE
WORLD’S LEADING MANUFACTURERS
OF FORESTRY ATTACHMENTS. HEADQUAR-
TERS AND MAIN PART OF THE
PRODUCTION IS LOCATED IN SCENIC
MALÅ, NORTHERN SWEDEN.**

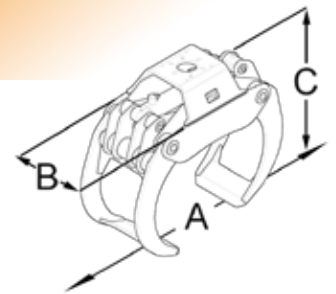
Hultdins SuperGrip is the best selling professional timber grapple in the world. No matter if it is on a forwarder, self loader or excavator, in desert heat or freezing cold, on a sunny day or in pouring rain. Every hour of the day, every day of the year, tens of thousands of Hultdins grapples are handling various logs in all corners of the globe. This is not a mere coincidence. Hultdins has developed and produced forestry grapples for almost 50 years. Big efforts are put in trying to offer the best products for our customers at a reasonable cost. We know that in the end it is only when our customer reaches a higher productivity and product lifetime than someone who is working with another grapple, that we can feel safe. Thank you for choosing a grapple from Hultdins!



SUPERGRIP

Features

- Tapered sleeve pin design eliminates any joint motion
- Strong cushioned cylinder reduces shock loads, designed for up to 25 MPa working pressure
- High strength steel and robotized welding ensures minimized down time
- Grapple saw option available on all models



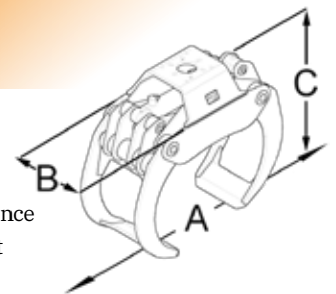
		250	260	310	360	420	520
Weight	lb	362	386	403	619	666	732
Max. load	lb	6614	7700	7700	11000	11000	12100
Gripping area	ft2	2.70	2.80	3.30	3.87	4.52	5.59
Max. gripping width	inches	59	59	61.7	70	81	89.3
Overall grapple width	inches	18.3	18.3	18.3	20.1	20.2	20.1
Height, arms tip-tip	inches	34	34	37	20	41.8	46
Max. height arms open	inches	30.7	30.7	32.6	38.5	33.7	35
Min. height arms closed	inches	21.4	21.4	21.8	32.4	26.5	29.8
Grapple jaw width	inches	15.5	15.5	15.5	18	18	18
Min. gripping diameter	inches	3.4	3.4	2.4	3.2	5.4	6.7
Gripping force, arms open, at 3625 psi	lbf	2451	2451	2340	4161	4362	4701
Gripping force, arms tip-tip, at 3625 psi	lbf	3396	3396	3283	4319	4497	5196
Opening time, at 50 l/min	s	0.9	0.9	0.9	1.6	2.1	2.2
Closing time, at 50 l/min	s	1.7	1.7	1.7	2.6	3.5	3.7
Max. operating pressure	psi	3625	3625	3625	3625	3625	3625



SUPERGRIP CS

Features

- Compact Low-Profile Frame: Optimized overall height for lower clearance and improved machine stability
- Reinforced S-Class Construction: Extra thick steel plates throughout the frame and grapple arms for extreme impact resistance
- Expander Pin Technology: Oversized expander pins eliminate joint play and extend maintenance intervals
- Cushioned Hydraulic Cylinder: Reduces shock loads during aggressive grasping and dumping (rated for up to 25MPa working pressure)
- SuperSaw Compatible: Pre-configured for seamless installation of Hultdins SuperSaw units.



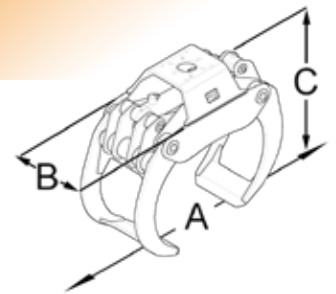
		360CS	420CS	520CS
Weight	lb	675	666	732
Max. load	lb	15432	15432	15432
Gripping area	ft2	3.87	4.52	5.59
Max. gripping width	inches	70	81	89.3
Overall grapple width	inches	20.4	20.4	20.4
Height, arms tip-tip	inches	38.6	41.8	46
Max. height arms open	inches	33.5	33.7	35
Min. height arms closed	inches	24.9	26.5	29.8
Grapple jaw width	inches	18.3	18.3	18.3
Min. gripping diameter	inches	3.1	4.4	6.7
Gripping force, arms open, at 3625 psi	lbf	4161	4362	4701
Gripping force, arms tip-tip, at 3625 psi	lbf	4319	4497	5196
Opening time, at 50 l/min	s	1.6	2.1	2.2
Closing time, at 50 l/min	s	2.6	3.5	3.7
Max. operating pressure	psi	3625	3625	3625



SUPERGRIP S

Features

- Heavily reinforced model for the toughest jobs in the forest and excavator applications
- Tapered sleeve pin design eliminates any joint motion
- Strong cushioned cylinder reduces shock loads, designed for up to 25 MPa working pressure
- Strong cast push rods
- Grapple saw option available on all models



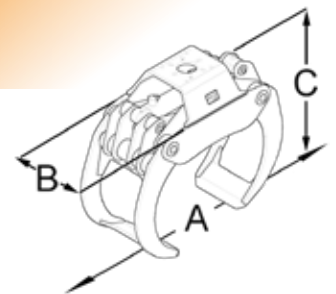
		260S	310S	360S	420S	500S	520S	720S
Weight	lb	510	533	823	913	957	1059	1156
Max. load	lb	9900	9900	17600	17600	17600	17600	17600
Gripping area	ft ²	2.80	3.34	3.87	4.52	5.38	5.59	7.75
Max. gripping width	inches	58.0	61.3	71.4	79.2	89.3	89.3	90
Overall grapple width	inches	18.2	18.2	20.6	20.6	20.5	20.5	20.5
Height, arms tip-tip	inches	34.76	37.3	39.5	42.2	45.4	45.4	50.9
Max. height arms open	inches	31.7	33.2	33.7	35.0	34.0	34.7	41.7
Min. height arms closed	inches	22.2	22.0	26.8	28.1	29.4	29.3	30.9
Grapple jaw width	inches	15.8	16.2	18.1	18.1	18.1	18.1	18.9
Min. gripping diameter	inches	3.7	2.1	3.8	4.7	6.0	6.5	6.5
Gripping force, arms open, at 3625 psi	lbf	2451	2340	4161	4362	4701	4701	3868
Gripping force, arms tip-tip, at 3625 psi	lbf	3396	3283	4319	4497	5196	5196	4790
Opening time, at 50 l/min	s	0.9	0.9	1.6	2.1	2.2	2.2	2.2
Closing time, at 50 l/min	s	1.7	1.7	2.6	3.5	3.7	3.7	3.7
Max. operating pressure	psi	3625	3625	3625	3625	3625	3625	3625



SUPERGRIP RS

Features

- Extra heavily reinforced model for the toughest jobs in the forest and excavator applications
- Tapered sleeve pin design eliminates any joint motion
- Strong cast push rod
- Strong cushioned cylinder reduces shock loads, designed for up to 25 MPa working pressure
- Grapple saw option available on all models



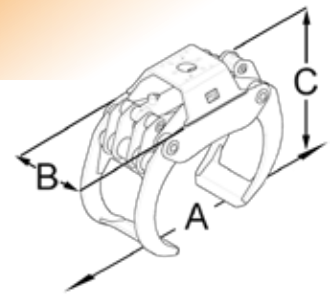
		260RS	310RS	360RS
Weight	lb	534	562	860
Max. load	lb	9900	9900	17600
Gripping area	ft ²	2.80	3.34	3.87
Max. gripping width	inches	58.0	61.3	71.3
Overall grapple width	inches	18.2	18.2	20.6
Height, arms tip-tip	inches	34.8	37.3	39.5
Max. height arms open	inches	31.7	33.2	33.7
Min. height arms closed	inches	22.2	22.0	26.6
Grapple jaw width	inches	16.1	16.1	18.5
Min. gripping diameter	inches	3.7	2.1	3.6
Gripping force, arms open, at 3625 psi	lbf	2451	2340	4161
Gripping force, arms tip-tip, at 3625 psi	lbf	3396	3283	4319
Opening time, at 50 l/min	s	0.9	0.9	1.6
Closing time, at 50 l/min	s	1.7	1.7	2.6
Max. operating pressure	psi	3625	3625	3625



SUPERGRIP R

Features

- For handling of slash and bioenergy wood
- Tapered sleeve pin design eliminates any joint motion
- Strong cushioned cylinder reduces shock loads, designed for up to 25 MPa working pressure
- High strength steel and robotized welding ensures minimized down time



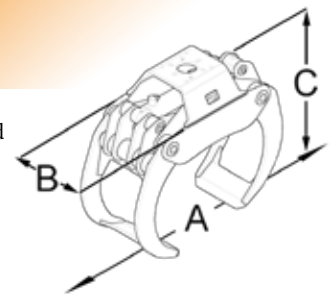
		250R	260R	310R	360R	420R
Weight	lb	397	420	461	677	754
Max. load	lb	5512	6600	6600	8800	8800
Gripping area	ft2	2.70	2.80	3.34	3.87	4.52
Max. gripping width	inches	60.4	60	62.5	70.6	81
Overall grapple width	inches	18.3	18.3	18.3	20.1	20.2
Height, arms tip-tip	inches	33.1	33.1	36.0	37.6	40.7
Max. height arms open	inches	29.2	29.2	31.0	30.3	31.8
Min. height arms closed	inches	21.2	21.1	21.8	24.5	26.5
Grapple jaw width	inches	16.7	15.5	15.5	19.5	19.5
Min. gripping diameter	inches	3	3	2.4	2.6	5.4
Gripping force, arms open, at 3625 psi	lbf	2451	2451	2340	4161	4362
Gripping force, arms tip-tip, at 3625 psi	lbf	3396	3396	3283	4319	4497
Opening time, at 50 l/min	s	0.9	0.9	0.9	1.6	2.1
Closing time, at 50 l/min	s	1.7	1.7	1.7	2.6	3.5
Max. operating pressure	psi	3625	3625	3625	3625	3625



SUPERGRIP RR

Features

- Heavily reinforced model for handling of slash and bioenergy wood
- Tapered sleeve pin design eliminates any joint motion
- Strong cushioned cylinder reduces shock loads, designed for up to 25 MPa working pressure
- High strength steel and robotized welding ensures minimized down time



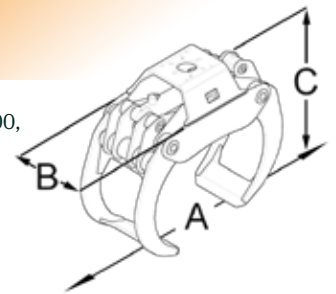
		260RR	360RR	520RR
Weight	lb	551	827	981
Max. load	lb	7717	11000	13200
Gripping area	ft2	2.80	3.87	5.59
Max. gripping width	inches	60.0	71.8	89.3
Overall grapple width	inches	18.22	20.6	20.5
Height, arms tip-tip	inches	33.7	39.5	44
Max. height arms open	inches	29.8	31	32
Min. height arms closed	inches	22.2	26.8	29.4
Grapple jaw width	inches	17.4	19.4	19.4
Min. gripping diameter	inches	3.5	3.8	06.15
Gripping force, arms open, at 3625 psi	lbf	2451	4161	4701
Gripping force, arms tip-tip, at 3625 psi	lbf	3396	4319	5196
Opening time, at 50 l/min	s	0.9	1.6	2.2
Closing time, at 50 l/min	s	1.7	2.6	3.7
Max. operating pressure	psi	3625	3625	3625



SUPERGRIP S -XR

Features

- Designed to fit compact, high-load rotators such as Indexator XR300, XR350, and XR400, and equal from other manufacturers
- Heavily reinforced model for the toughest jobs in the forest and excavator applications
- Tapered sleeve pin design eliminates any joint motion
- Strong cushioned cylinder reduces shock loads, designed for up to 25 MPa working pressure
- Strong cast push rods



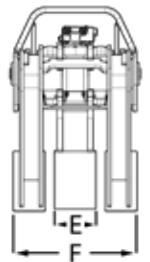
		260S/XR	310S/XR	360S/XR	520S/XR	720S/XR
Weight	lb	628	653	946	1166	1285
Max. load	lb	9900	9900	17600	17600	17600
Gripping area	ft ²	2.80	3.34	3.87	5.59	7.75
Max. gripping width	inches	58.0	61.3	71.4	89.3	90
Overall grapple width	inches	18.6	18.6	20.9	20.9	20.9
Height, arms tip-tip	inches	36.9	39.4	41	46.9	52.2
Max. height arms open	inches	33.9	35.4	35.2	36.3	43.3
Min. height arms closed	inches	24.4	24	28.3	30.9	32.3
Grapple jaw width	inches	16.2	18.6	18.1	18.9	18.9
Min. gripping diameter	inches	3.7	2.1	3.8	6.5	6.5
Gripping force, arms open, at 3625 psi	lbf	2451	2340	4161	4701	3868
Gripping force, arms tip-tip, at 3625 psi	lbf	3396	3283	4319	5196	4790
Opening time, at 50 l/min	s	0.9	0.9	1.6	2.2	2.2
Closing time, at 50 l/min	s	1.7	1.7	2.6	3.7	3.7
Max. operating pressure	psi	3625	3625	3625	3625	3625



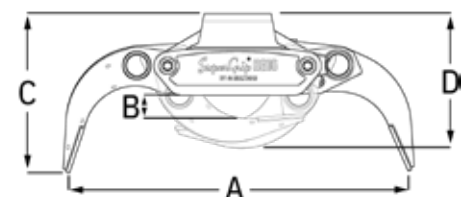
SUPERGRIP RG -V

Features

- Synchronized arms for a more controlled and efficient handling of ties and rails.
- Tapered sleeve pin design eliminates any joint motion
- Cushioned Cylinder to reduce shock load.
- Grapple Saw Option Available.



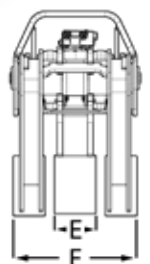
		RG16-V
Weight	lb	860
Max. opening, A	inches	69,6
Min. opening, B	inches	4,8
Max. height, arms open, C	inches	32,6
Max. height, arms closed, D	inches	29,1
Width, male arm, E	inches	6,5
Width, female arm, F	inches	19,5



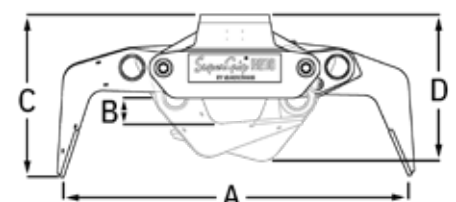
SUPERGRIP RG

Features

- Synchronized arms for a more controlled and efficient handling of ties and rails.
- Tapered sleeve pin design eliminates any possible joint motion.
- Cushioned Cylinder to reduce shock load.



		RG16
Weight	lb	870
Max. opening, A	inches	69,6
Min. opening, B	inches	5,3
Max. height, arms open, C	inches	32,6
Max. height, arms closed, D	inches	29,1
Width, male arm, E	inches	6,5
Width, female arm, F	inches	19,5



YOUR PRODUCTIVITY - OUR DRIVING FORCE

Hultdin System AB is a world leading manufacturer of components to mechanized forestry. With the productivity and profitability of our customers in focus we have over the years developed a wide product range consisting of Grapples, Saw Units, Grapple Saws, Damping and Lubrication Systems for forestry machines.



SuperGrip®

Hultdins' log grapples are divided into four series, each with slightly different characteristics. However, common to all is that they're designed to increase your productivity and every component is of high quality. Today, our grapples are fitted as standard by many major forwarder manufacturers.



SuperCut®

Today, every other tree in the world is harvested with a Hultdins SuperCut – and that says a lot about the knowledge we've accumulated over the years. Our goal is to make your work as painless as possible. We try to achieve this with innovative solutions, such as automatic chain tensioning, fully protected feed cylinders, and integrated proportional chain lubrication.



SuperSaw®

The majority of our grapple saws are used for full tree harvesting but also for clearance and maintenance. Hultdins' grapple saws are the most dominant brand by far. With six different grapple saw series, each encompassing several models, we have the market's widest range.



DampingSystem™

A hydraulic damper enables you to work faster and improves the machine's service life – as well as your health. Hydraulic oil is an excellent means to use cylinders to transfer force because it's so incompressible. But this incompressibility also means that it transmits vibrations and jolts that fatigue both the machine and the operator. Our dampers reduce these undesirable forces without affecting the machine's performance.



LubricationSystem™

Oil almost always soils both the forest and the machine. Our pumps use biodegradable chain grease instead, which adheres better between the chain and the bar.



SuperGrip



SuperSaw



SuperCut



DampingSystem



LubricationSystem

Hulldin System AB is a leading manufacturer of tools and integrated components for forestry and construction machines. Hulldins products such as the SuperGrip, SuperSaw and SuperCut are used throughout the world. Ever since 1928, we've been developing products to make machine contractors productive. We try to meet the needs of today while predicting the needs of tomorrow. This is something we can do best by working in the forest in both practice and theory.

Hulldin System AB
Box 100
Skolgatan 12
SE-939 31 Malå
+46 953 418 00
sales@hulldins.se

 **HULTDINS**

hulldins.se

