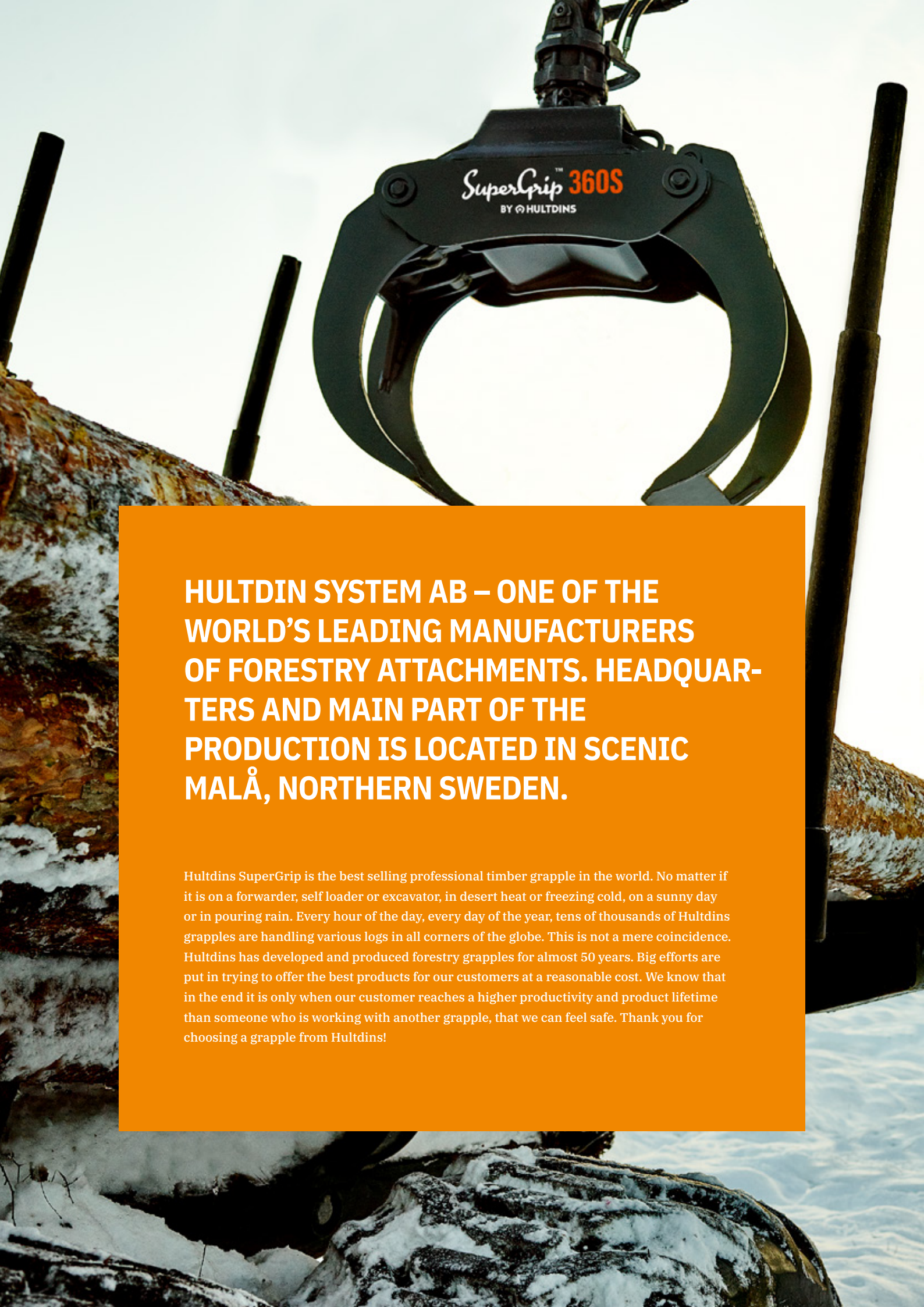




SuperGrip®

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.**

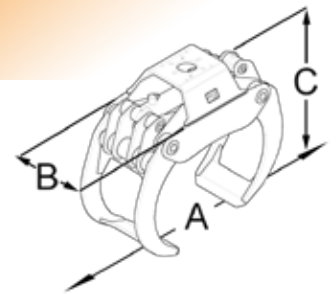
Hultdins SuperGrip is the best selling professional timber grapple in the world. No matter if it is on a forwarder, self loader or excavator, in desert heat or freezing cold, on a sunny day or in pouring rain. Every hour of the day, every day of the year, tens of thousands of Hultdins grapples are handling 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



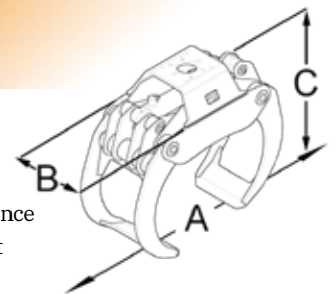
		250	260	310	360	420	520
Weight	kg	164	175	183	281	302	332
Max. load	kg	3000	3 500	3 500	5 000	5 000	5 500
Gripping area	m ²	0,25	0,26	0,31	0,36	0,42	0,52
Max. gripping width, A	mm	1498	1498	1566	1781	2056	2267
Max. width, B	mm	466	466	466	511	513	511
Height, arms tip-tip, C	mm	863	863	932	980	1061	1154
Max. height arms open	mm	779	779	828	822	856	889
Min. height arms closed	mm	543	543	554	633	674	757
Grapple jaw width	mm	393	393	393	456	456	456
Min. gripping diameter	mm	86	86	60	82	136	170
Gripping force, arms open, at 25 MPa	kN	10,9	10,9	10,4	18,5	19,4	20,9
Gripping force, arms tip-tip, at 25 MPa	kN	15,1	15,1	14,6	19,2	20,0	23,1
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	MPa	25	25	25	25	25	25



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.



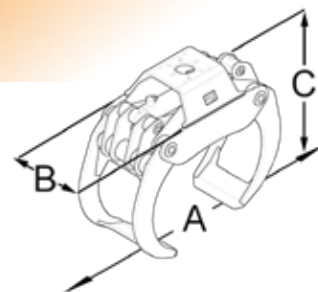
		360CS	420CS	520CS
Weight	kg	306	340	369
Max. load	kg	7000	7000	7000
Gripping area	m ²	0,36	0,42	0,52
Max. gripping width, A	mm	1781	2056	2267
Max. width, B	mm	517	517	517
Height, arms tip-tip, C	mm	980	1061	1154
Max. height arms open	mm	851	856	889
Min. height arms closed	mm	633	674	757
Grapple jaw width	mm	464	464	464
Min. gripping diameter	mm	79	112	170
Gripping force, arms open, at 25 MPa	kN	18,5	19,4	20,9
Gripping force, arms tip-tip, at 25 MPa	kN	19,2	20,0	23,1
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	MPa	25	25	25



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



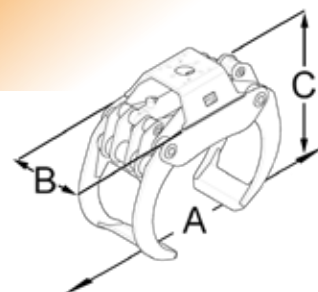
		260S	310S	360S	420S	500S	520S	720S
Weight	kg	231	242	370	414	434	480	526
Max. load	kg	4 500	4 500	8 000	8 000	8 000	8 000	8 000
Gripping area	m ²	0,26	0,31	0,36	0,42	0,50	0,52	0,72
Max. gripping width, A	mm	1 475	1 556	1812	2 011	2 268	2268	2287
Max. width, B	mm	463	463	522	522	521	521	521
Height, arms tip-tip, C	mm	883	947	1004	1072	1153	1153	1294
Max. height arms open	mm	806	843	856	889	863	882	1062
Min. height arms closed	mm	563	557	680	713	745	745	784
Grapple jaw width	mm	401	411	460	460	460	460	480
Min. gripping diameter	mm	94	53	97	120	153	166	165
Gripping force, arms open, at 25 MPa	kN	10,9	10,4	18,5	19,4	20,9	20,9	17,2
Gripping force, arms tip-tip, at 25 MPa	kN	15,1	14,6	19,2	20,0	23,1	23,1	21,3
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	MPa	25	25	25	25	25	25	25



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



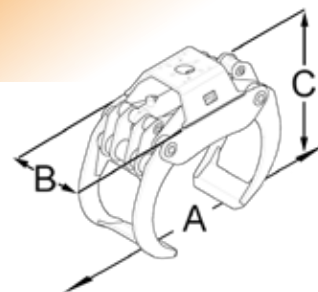
		260RS	310RS	360RS
Weight	kg	242	255	390
Max. load	kg	4 500	4 500	8 000
Gripping area	m ²	0,26	0,31	0,36
Max. gripping width, A	mm	1 475	1 556	1812
Max. width, B	mm	463	463	522
Height, arms tip-tip, C	mm	883	947	1004
Max. height arms open	mm	806	843	856
Min. height arms closed	mm	563	557	676
Grapple jaw width	mm	409	409	470
Min. gripping diameter	mm	94	53	92
Gripping force, arms open, at 25 MPa	kN	10,9	10,4	18,5
Gripping force, arms tip-tip, at 25 MPa	kN	15,1	14,6	19,2
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	MPa	25	25	25



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



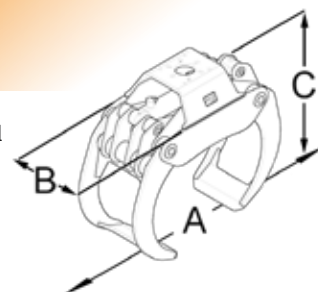
		250R	260R	310R	360R	420R
Weight	kg	180	190	209	307	342
Max. load	kg	2500	3 000	3 000	4 000	4 000
Gripping area	m2	0,25	0,26	0,31	0,36	0,42
Max. gripping width, A	mm	1534	1512	1586	1793	2059
Max. width, B	mm	466	466	466	511	513
Height, arms tip-tip, C	mm	841	841	915	957	1035
Max. height arms open	mm	740	740	788	770	808
Min. height arms closed	mm	536	536	554	624	674
Grapple jaw width	mm	425	393	393	496	496
Min. gripping diameter	mm	75	75	60	66	136
Gripping force, arms open, at 25 MPa	kN	10,9	10,9	10,4	18,5	19,4
Gripping force, arms tip-tip, at 25 MPa	kN	15,1	15,1	14,6	19,2	20,0
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	MPa	25	25	25	25	25



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



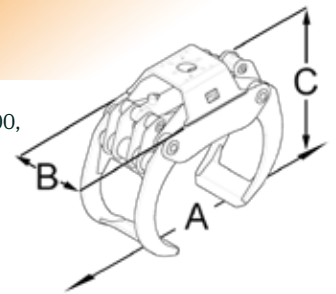
		260RR	360RR	520RR
Weight	kg	250	375	445
Max. load	kg	3500	5 000	6 000
Gripping area	m2	0,26	0,36	0,52
Max. gripping width, A	mm	1503	1824	2268
Max. width, B	mm	463	522	521
Height, arms tip-tip, C	mm	856	1004	1121
Max. height arms open	mm	757	789	815
Min. height arms closed	mm	564	680	746
Grapple jaw width	mm	441	492	492
Min. gripping diameter	mm	95	97	156
Gripping force, arms open, at 25 MPa	kN	10,9	18,5	20,9
Gripping force, arms tip-tip, at 25 MPa	kN	15,1	19,2	23,1
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	MPa	25	25	25



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



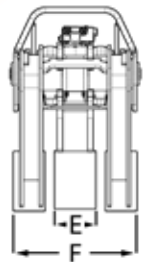
		260S/XR	310S/XR	360S/XR	520S/XR	720S/XR
Weight	kg	285	296	429	529	583
Max. load	kg	4 500	4 500	8 000	8 000	8 000
Gripping area	m ²	0,26	0,31	0,36	0,52	0,72
Max. gripping width, A	mm	1 475	1 556	1812	2268	2287
Max. width, B	mm	472	472	532	532	532
Height, arms tip-tip, C	mm	938	1002	1042	1191	1327
Max. height arms open	mm	861	899	894	921	1101
Min. height arms closed	mm	619	612	718	784	822
Grapple jaw width	mm	411	472	460	480	480
Min. gripping diameter	mm	94	53	97	166	165
Gripping force, arms open, at 25 MPa	kN	10,9	10,4	18,5	20,9	17,2
Gripping force, arms tip-tip, at 25 MPa	kN	15,1	14,6	19,2	23,1	21,3
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	MPa	25	25	25	25	25



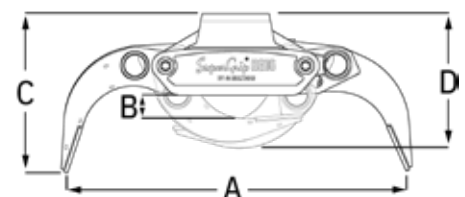
SUPERGRIP RG -V

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.



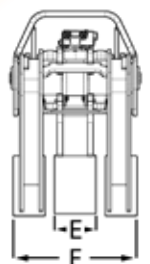
		RG16-V
Weight	kg	390
Max. opening, A	mm	1768
Min. opening, B	mm	122
Max. height, arms open, C	mm	829
Max. height, arms closed, D	mm	740
Width, male arm, E	mm	165
Width, female arm, F	mm	496



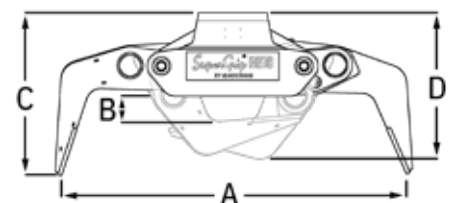
SUPERGRIP RG

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	kg	395
Max. opening, A	mm	1768
Min. opening, B	mm	135
Max. height, arms open, C	mm	829
Max. height, arms closed, D	mm	740
Width, male arm, E	mm	165
Width, female arm, F	mm	496



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

