

## Construction grapples

Our construction grapples incorporate almost 90 years of experience in log grapple design. They're even stronger, even more durable, and just as focused on your productivity.



MultiGrip MG



MultiGrip MG-T



MultiGrip MG / XR



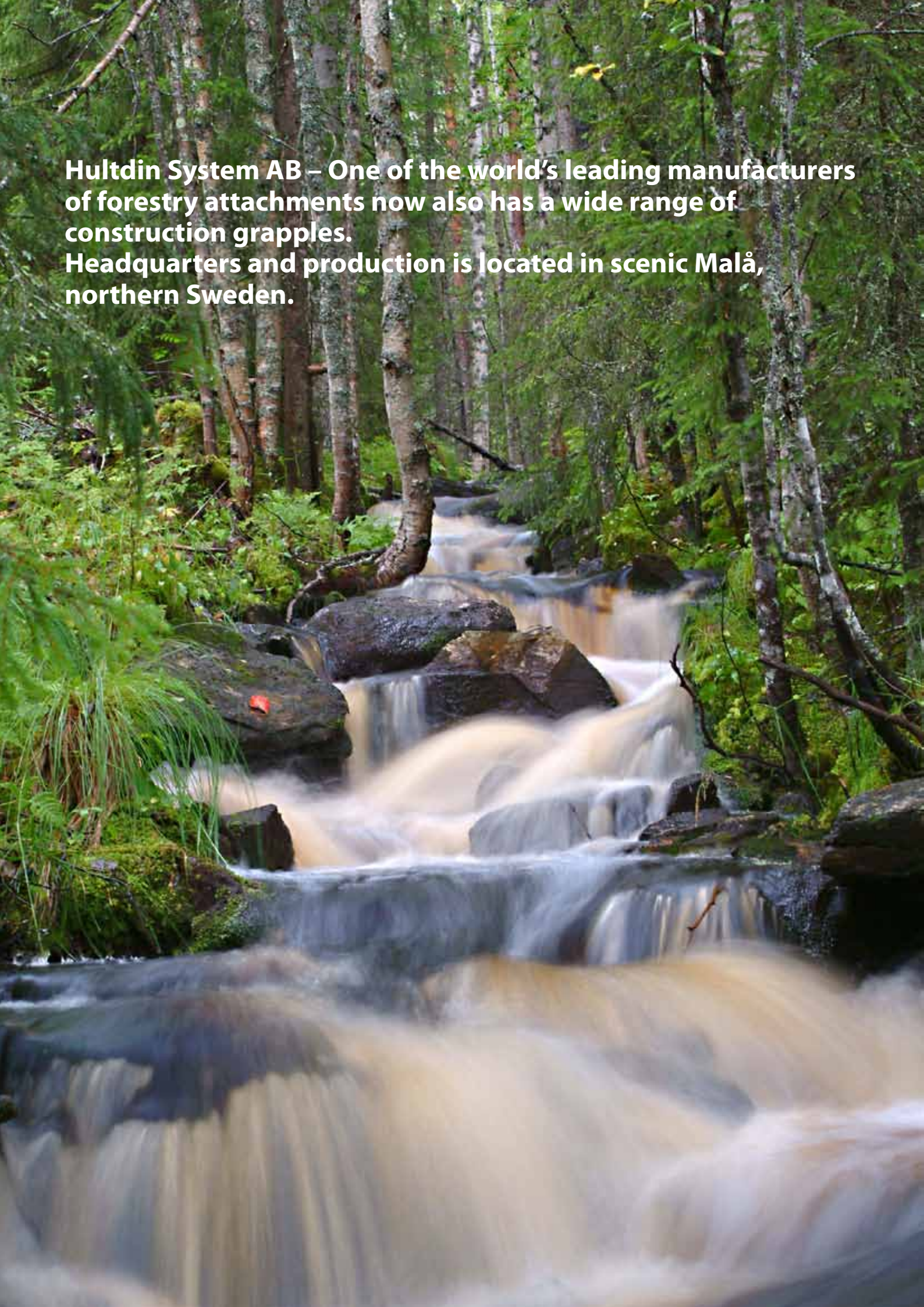
MultiGrip MG-T / XR



MultiGrip TL

# MultiGrip

**Hultdin System AB – One of the world's leading manufacturers of forestry attachments now also has a wide range of construction grapples. Headquarters and production is located in scenic Malå, northern Sweden.**





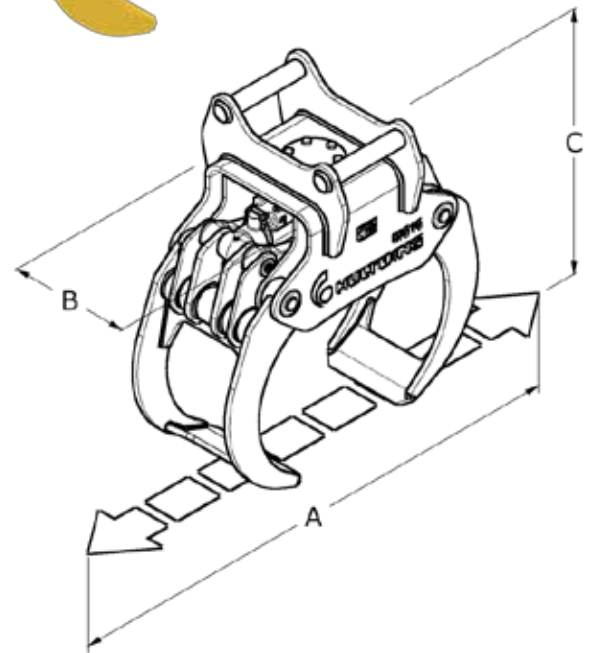
In forestry, Hultdins SuperGrip is the best-selling professional grapple in the world. No matter if it is on a forwarder, self-loader or excavator, in desert heat or freezing cold, on a sunny day or in pouring rain. Every hour of the day, every day of the year, tens of thousands of Hultdins grapples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

This is not a mere coincidence.

Hultdins has developed and produced 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.

We believe this philosophy is welcome also in the construction world.

**Thank you for choosing a grapple from Hultdins!**



# MG series

## Product features

- Flexible bypass grapple for tough jobs
- Complete with excavator mount
- Includes load-check valve and accumulator for maximal safety
- Extra strong solid push rods
- Tapered sleeve pin design eliminates any joint motion
- Available with OilQuick excavator mounts
- SuperSaw 555S saw attachment available to all models

| MG                                      |                | MG12               | MG16               | MG20                         |
|---|----------------|--------------------|--------------------|------------------------------|
| Suitable machine weight                 | metric tons    | 9-14               | 12-18              | 16-22                        |
| Weight from approx.                     | kg             | 315                | 474                | 560                          |
| Max. load                               | kg             | 6 000              | 8 000              | 10 000                       |
| Grapple area, tip - tip                 | m <sup>2</sup> | 0.26               | 0.36               | 0.52                         |
| Max. gripping width "A"                 | mm             | 1 496              | 1 822              | 2 279                        |
| Max. width "B"                          | mm             | 454                | 531                | 531                          |
| Min. gripping diameter                  | mm             | 90                 | 110                | 170                          |
| Height, arms tip - tip "C"              | mm             | 910                | 1 016              | 1 163                        |
| Max. working pressure                   | MPa            | 25                 | 25                 | 25                           |
| Gripping force, arms tip-tip, at 25 MPa | kN             | 15                 | 19                 | 23                           |
| Recommended excavator mounts            | Model          | S40, S45, S50, S60 | S50, S60, S70, B20 | S50, S60, S70, S80, B20, B27 |
|   |                | OQ 45, OQ60        | OQ60, OQ60-5, OQ70 | OQ70, OQ80                   |

ACCUMULATOR AND LOAD-CHECK VALVE INCLUDED IN MULTIGRIP

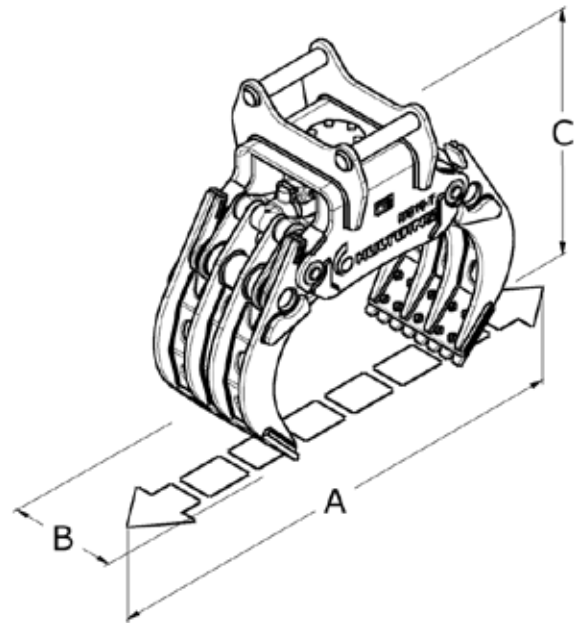


# MG16-T

## Product features

- Robust tip-tip grapple for tough jobs \*
- Complete with excavator mount
- Includes load-check valve and accumulator for maximal safety
- Extra strong solid push rods
- Tapered sleeve pin design eliminates any joint motion
- Available with OilQuick excavator mounts
- Reversible and replaceable tips in high grade wear steel
- Mechanical stops for both fully open and closed

\* Note: MG16-T is not designed for demolition or breaking applications



## Sorting grapple

## MG16-T

|                                    |                |               |
|------------------------------------|----------------|---------------|
| Suitable machine weight            | metric tons    | 12-18         |
| Weight from approx.                | kg             | 630           |
| Max. load                          | kg             | 10 000        |
| Gripping area, tip - tip           | m <sup>2</sup> | 0,28          |
| Max. gripping width "A"            | mm             | 1 773         |
| Max. width "B"                     | mm             | 480           |
| Height, arms tip - tip "C"         | mm             | 1 017         |
| Max. working pressure              | MPa            | 25            |
| Gripping force, tip-tip, at 25 MPa | kN             | 20            |
| Recommended excavator mounts       | Model          | S60, S70, B20 |

OQ60, OQ60-5, OQ70

ACCUMULATOR AND LOAD-CHECK VALVE INCLUDED IN MULTIGRIP

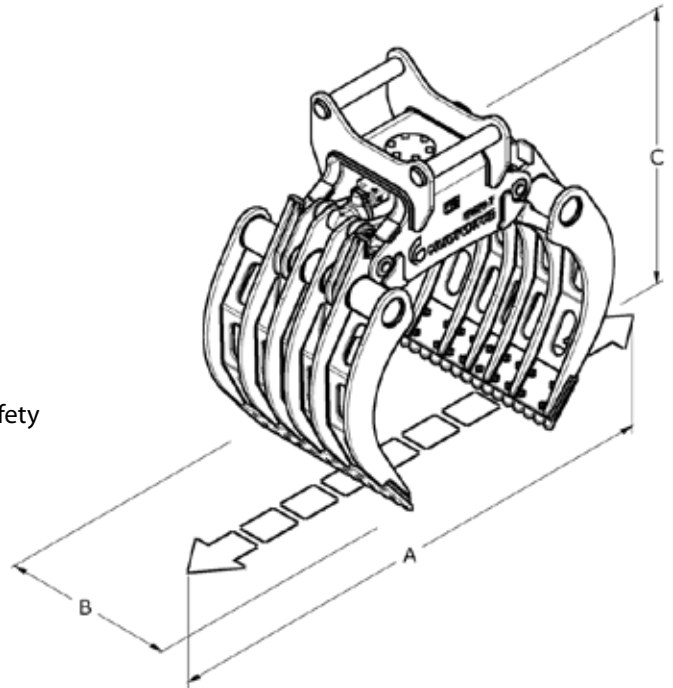


# MG20-T

## Product features

- Robust tip-tip grapple for tough jobs \*
- Complete with excavator mount
- Includes load-holding valve and accumulator for maximal safety
- Extra strong solid push rods
- Tapered sleeve pin design eliminates any joint motion
- Available with OilQuick excavator mounts
- Reversible and replaceable tips in high grade wear steel
- Mechanical stops for both fully open and closed
- Extra large opening width for maximum access in corners

\* Note: MG20-T is not designed for demolition or breaking applications



## Sorting grapple

## MG20-T

|                                    |                |                                  |
|------------------------------------|----------------|----------------------------------|
| Suitable machine weight            | metric tons    | 16-22                            |
| Weight from approx.                | kg             | 1070                             |
| Max. load                          | kg             | 12 000                           |
| Gripping area, tip - tip           | m <sup>2</sup> | 0,64                             |
| Max. gripping width "A"            | mm             | 2 810                            |
| Max. width "B"                     | mm             | 916                              |
| Height, arms tip - tip "C"         | mm             | 1 401                            |
| Max. working pressure              | MPa            | 25                               |
| Gripping force, tip-tip, at 25 MPa | kN             | 18                               |
| Recommended excavator mounts       | Model          | S70, S80, B20, B27<br>OQ70, OQ80 |

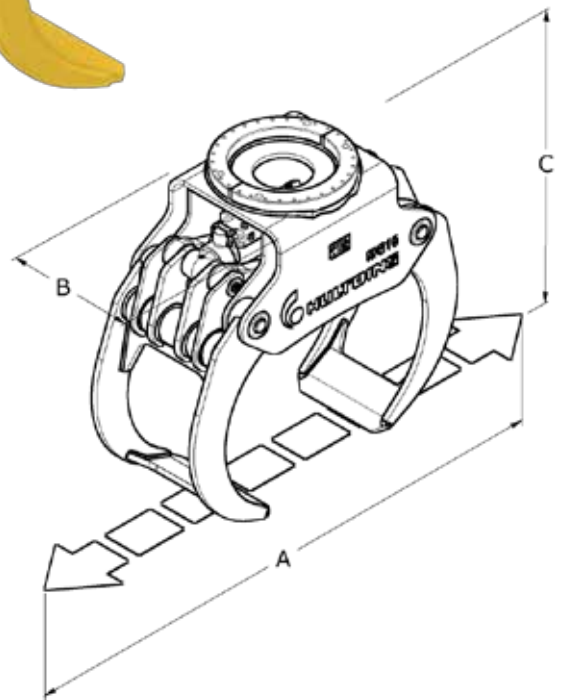
ACCUMULATOR AND LOAD-CHECK VALVE INCLUDED IN MULTIGRIP



## MG / Rotator

### Product features

- Flexible bypass grapple for tough jobs
- Machined bolt pattern on top to attach rotator, can also be used to weld on existing mount
- Includes load-check valve and accumulator for maximal safety
- Extra strong solid push rods
- Tapered sleeve pin design eliminates any joint motion
- SuperSaw 555S saw attachment available to all models
- Rotator available with fixed excavator mount or link



### MG

### MG16

### MG20

|   | metric tons    | MG16    | MG20           |
|---|----------------|---------|----------------|
| Suitable machine weight                 |                | 12-18   | 16-22          |
| Weight excl. rotator                    | kg             | 460     | 590            |
| Max. load                               | kg             | 8 000   | 10 000         |
| Grapple area, tip - tip                 | m <sup>2</sup> | 0.36    | 0.52           |
| Max. gripping width "A"                 | mm             | 1 822   | 2 279          |
| Max. width "B"                          | mm             | 531     | 531            |
| Min. gripping diameter                  | mm             | 94      | 178            |
| Height, arms tip - tip "C"              | mm             | 1 063   | 1 210          |
| Max. working pressure                   | MPa            | 25      | 25             |
| Gripping force, arms tip-tip, at 25 MPa | kN             | 19      | 23             |
| Recommended rotator                     | Model          | XR400 * | XR400, XR500 * |

\* ) Other bolt patterns on request

ACCUMULATOR AND LOAD-CHECK VALVE INCLUDED IN MULTIGRIP

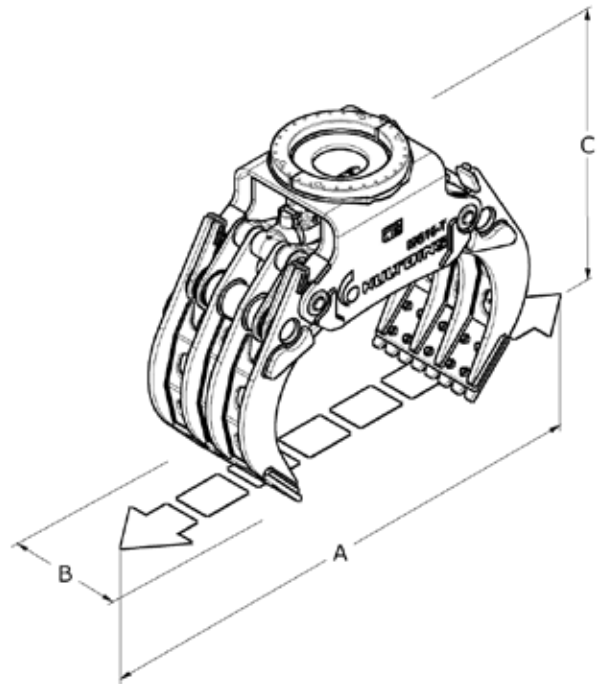


## MG16-T / Rotator

### Product features

- Robust tip-tip grapple for tough jobs \*
- Complete with excavator mount
- Includes load-check valve and accumulator for maximal safety
- Extra strong solid push rods
- Tapered sleeve pin design eliminates any joint motion
- Reversible and replaceable tips in high grade wear steel
- Mechanical stops for both fully open and closed
- Rotator available with fixed excavator mount or link

\* Note: MG16-T is not designed for demolition or breaking applications



### Sorting grapple

### MG16-T

|                                    |                |         |
|------------------------------------|----------------|---------|
| Suitable machine weight            | metric tons    | 12-18   |
| Weight excl. rotator               | kg             | 612     |
| Max. load                          | kg             | 10 000  |
| Gripping area, tip - tip           | m <sup>2</sup> | 0,28    |
| Max. gripping width "A"            | mm             | 1 773   |
| Max. width "B"                     | mm             | 480     |
| Height, arms tip - tip "C"         | mm             | 1 063   |
| Max. working pressure              | MPa            | 25      |
| Gripping force, tip-tip, at 25 MPa | kN             | 20      |
| Recommended rotator                | Model          | XR400 * |

\*) Other bolt patterns on request

ACCUMULATOR AND LOAD-CHECK VALVE INCLUDED IN MULTIGRIP



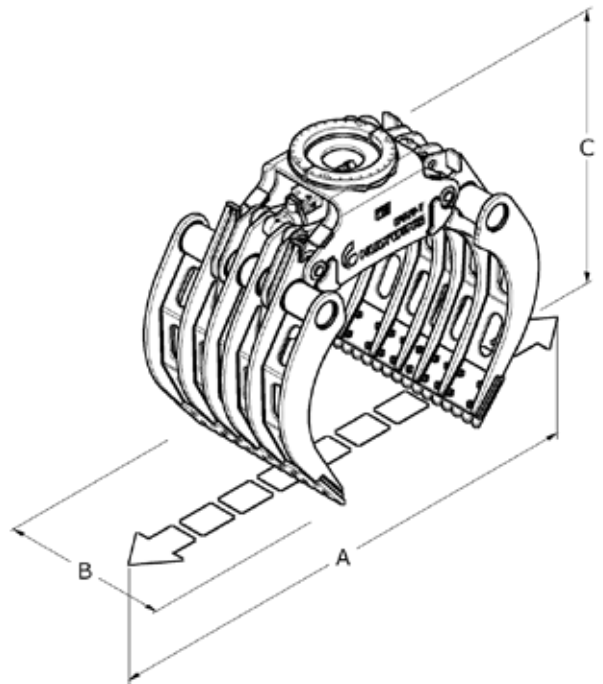


## MG20-T / Rotator

### Product features

- Robust tip-tip grapple for tough jobs \*
- Complete with excavator mount
- Includes load-holding valve and accumulator for maximal safety
- Extra strong solid push rods
- Tapered sleeve pin design eliminates any joint motion
- Reversible and replaceable tips in high grade wear steel
- Mechanical stops for both fully open and closed
- Extra large opening width for maximum access in corners
- Rotator available with fixed excavator mount or link

\* Note: MG20-T is not designed for demolition or breaking applications



### Sorting grapple

### MG20-T

| Suitable machine weight            | metric tons    | 16-22           |
|------------------------------------|----------------|-----------------|
| Weight excl. rotator               | kg             | 1012            |
| Max. load                          | kg             | 12 000          |
| Gripping area, tip - tip           | m <sup>2</sup> | 0,64            |
| Max. gripping width "A"            | mm             | 2 810           |
| Max. width "B"                     | mm             | 916             |
| Height, arms tip - tip "C"         | mm             | 1 447           |
| Max. working pressure              | MPa            | 25              |
| Gripping force, tip-tip, at 25 MPa | kN             | 18              |
| Recommended rotator                | Model          | XR400, XR 500 * |

\*) Other bolt patterns on request

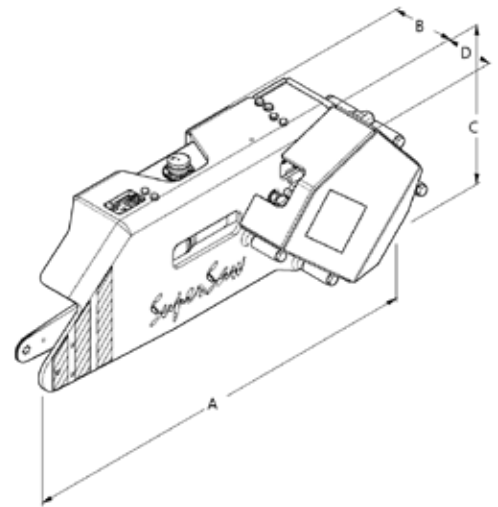
ACCUMULATOR AND LOAD-CHECK VALVE INCLUDED IN MULTIGRIP



# MG / SuperSaw 555S

## Product features grapple saw

- Automatic chain tensioning and proportional chain lubrication
- Fast and easy bar and chain replacement
- Built in and protected bar feed cylinder
- Pressure feed out system for optimized saw performance
- Simple adjustment of bar feed pressure
- Simple installation on all MG-grapples



### 555S-19

|                                    |  |          |
|------------------------------------|--|----------|
| Saw motor displacement             | cm <sup>3</sup>                                      | 19       |
| Weight                             | kg   | 105      |
| Length "A"                         | mm   | 1168     |
| Width "B"                          | mm   | 184      |
| Height "C"                         | mm   | 465      |
| Width "D"                          | mm   | 148      |
| Min. hydraulic pressure, saw motor | MPa  | 16       |
| Min. hydraulic oil flow, saw motor | l/min  | 110      |
| Max. power input to saw chain      | See recommendations from each saw chain manufacturer |          |
| Max. saw chain speed               | See recommendations from each saw chain manufacturer |          |
| Saw chain                          | inch   | .404"    |
| Saw bar                            | cm   | 90 / 100 |

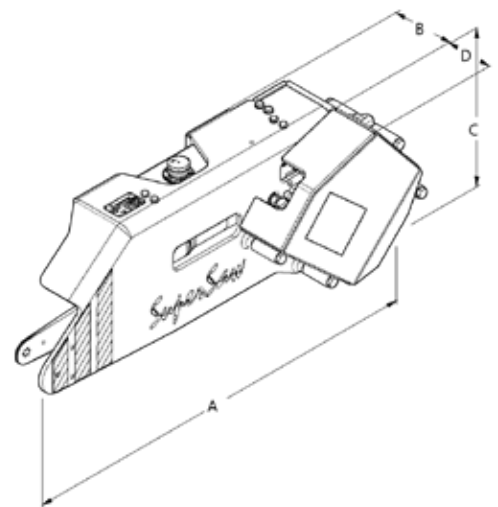
CONTINUOUS ROTATION REQUIRES ROTATOR / TILT-ROTATOR WITH HIGH FLOW SWIVEL



# MG Rotator/ SuperSaw 555S

## Product features grapple saw

- Automatic chain tensioning and proportional chain lubrication
- Fast and easy bar and chain replacement
- Built in and protected bar feed cylinder
- Pressure feed out system for optimized saw performance
- Simple adjustment of bar feed pressure
- Simple installation on all MG-grapples



### 555S-19

|                                    |  |          |
|------------------------------------|--|----------|
| Saw motor displacement             | cm <sup>3</sup>                                      | 19       |
| Weight                             | kg   | 105      |
| Length "A"                         | mm   | 1168     |
| Width "B"                          | mm   | 184      |
| Height "C"                         | mm   | 465      |
| Width "D"                          | mm   | 148      |
| Min. hydraulic pressure, saw motor | MPa  | 16       |
| Min. hydraulic oil flow, saw motor | l/min  | 110      |
| Max. power input to saw chain      | See recommendations from each saw chain manufacturer |          |
| Max. saw chain speed               | See recommendations from each saw chain manufacturer |          |
| Saw chain                          | inch   | .404"    |
| Saw bar                            | cm   | 90 / 100 |

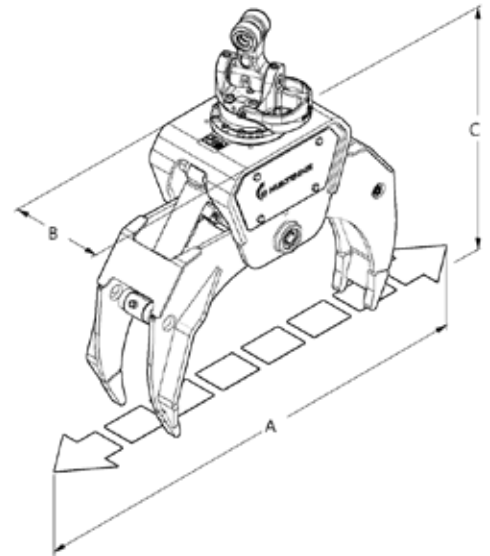
CONTINUOUS ROTATION REQUIRES ROTATOR / TILT-ROTATOR WITH HIGH FLOW SWIVEL



# TL-series, Rotator and link

## Product features

- Exceptional heavy duty construction for demanding jobs
- Tapered sleeve pin design eliminates any joint motion
- Strong cushioned cylinders, working pressure up to 30 MPa
- Hardened piston rods
- Wear resistant replaceable arm tips
- SuperSaw 555S saw attachment available to TL430, TL480 and TL520



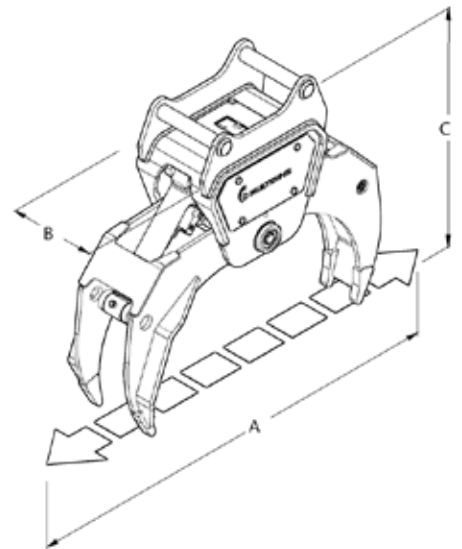
| TL  |     | 430       | 480       | 520       | 580   |
|---|-----|-----------|-----------|-----------|-------|
| Weight incl. rotator and link             | kg  | 620       | 635       | 680       | 1275  |
| Rotator model                             |     | IR12      | IR12      | IR12      | IR22  |
| Upper link, length c/c                    | mm  | 210 / 305 | 210 / 305 | 210 / 305 | 480   |
| Max. load                                 | kg  | 5000      | 6000      | 7000      | 10000 |
| Max. gripping width "A"                   | mm  | 1110      | 1235      | 1375      | 1520  |
| Max. width "B"                            | mm  | 430       | 430       | 430       | 430   |
| Height, fully open "C"                    | mm  | 1125      | 1145      | 1090      | 1435  |
| Height, arms tip - tip "C"                | mm  | 1335      | 1390      | 1405      | 1660  |
| Min. gripping diameter                    | mm  | 85        | 80        | 162       | 180   |
| Max. working pressure                     | MPa | 30        | 30        | 30        | 30    |
| Gripping force, arms tip - tip, at 30 MPa | kN  | 64        | 65        | 66        | 93    |



# TL-series, Excavator mounts

## Product features

- Exceptional heavy duty construction for demanding jobs
- Tapered sleeve pin design eliminates any joint motion
- Strong cushioned cylinders, working pressure up to 30 MPa
- Hardened piston rods
- Wear resistant replaceable arm tips
- SuperSaw 555S saw attachment available to TL430, TL480 and TL520



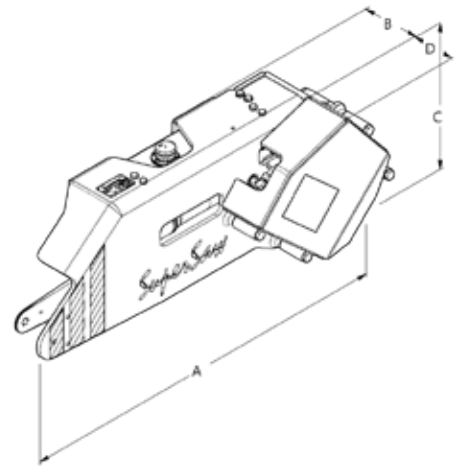
| TL                                      |     | 430                    | 480                    | 520                    | 580                    |
|---|-----|------------------------|------------------------|------------------------|------------------------|
| Weight from approx.                     | kg  | 530                    | 545                    | 600                    | 1180                   |
| Max. load                               | kg  | 5000                   | 6000                   | 7000                   | 10000                  |
| Max. gripping width "A"                 | mm  | 1110                   | 1235                   | 1375                   | 1520                   |
| Max. width "B"                          | mm  | 430                    | 430                    | 430                    | 430                    |
| Height, fully open "C"                  | mm  | 1125                   | 1145                   | 1090                   | 1435                   |
| Height, arms tip - tip "C"              | mm  | 1335                   | 1390                   | 1405                   | 1660                   |
| Min. gripping diameter                  | mm  | 85                     | 80                     | 162                    | 180                    |
| Max. working pressure                   | MPa | 30                     | 30                     | 30                     | 30                     |
| Gripping force, arms tip-tip, at 30 MPa | kN  | 64                     | 65                     | 66                     | 93                     |
| Recommended excavator mounts            |     | S60, S70<br>OQ60, OQ70 | S60, S70<br>OQ60, OQ70 | S60, S70<br>OQ60, OQ70 | S70, S80<br>OQ70, OQ80 |



## TL / SuperSaw 555S

### Product features grapple saw

- Automatic chain tensioning and proportional chain lubrication
- Fast and easy bar and chain replacement
- Built in and protected bar feed cylinder
- Pressure feed out system for optimized saw performance
- Simple adjustment of bar feed pressure
- Simple installation on TL430, TL480 and TL520



### 555S-19

|                                    |  |          |
|------------------------------------|--|----------|
| Saw motor displacement             | cm <sup>3</sup>                                      | 19       |
| Weight                             | kg   | 105      |
| Length "A"                         | mm   | 1168     |
| Width "B"                          | mm   | 184      |
| Height "C"                         | mm   | 465      |
| Width "D"                          | mm   | 148      |
| Min. hydraulic pressure, saw motor | MPa  | 16       |
| Min. hydraulic oil flow, saw motor | l/min  | 110      |
| Max. power input to saw chain      | See recommendations from each saw chain manufacturer |          |
| Max. saw chain speed               | See recommendations from each saw chain manufacturer |          |
| Saw chain                          | inch   | .404"    |
| Saw bar                            | cm   | 90 / 100 |

CONTINUOUS ROTATION REQUIRES ROTATOR / TILT-ROTATOR WITH HIGH FLOW SWIVEL



# 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 Systems, and Active Load Space for forwarders and a Terrain Bridge for forestry machines.



## HULTDINS SuperGrip™

**Hultdins SuperGrip** is the leading cut to length grapple in the forestry business. It is available in around 20 different models and is suited for all forwarders, trucks, different types of loaders or excavators.



## HULTDINS SuperCut™

**Hultdins SuperCut** is the standard saw unit in most harvester heads over the world. It is also a very suitable saw unit for felling heads or advanced fire wood processors. Hultdins offers three main types of SuperCut saw units; SC standard, SC100 and SC300. The SuperCut provides unmatched saw performance in a wide range of applications.



## HULTDINS SuperSaw™

**Hultdins SuperSaw** is a complete range of saw cassettes that are best mounted on the SuperGrip grapples. Together the SuperSaw and grapple form a high productive grapple saw package. A grapple saw is a very versatile tool that can be used for cross-cutting, loading, sorting merchandising and trimming.



## HULTDINS Damping System

**Hultdins Damping System** is a passive damper that is connected to the lift or swing hydraulics of the crane. It dampens vibrations and reduces pressure peaks in the system which increases productivity and operator comfort as well as it prolongs the crane life.



## HULTDINS Active Load Space

**Hultdins Active Load Space** (ALS), and the smaller thinning model (ALS-T), is a variable load space for forwarders. Widening of the bunks and variable load stakes in height adapt the load area to the density of the load. That way nominal load for the machine can always be reached regardless of wood quality, this increases productivity. The load space, which is floating on dampened hydraulics, saves both the machine and its operator from vibrations and physical stress. It can also be tilted, which increases machine manoeuvrability in tight areas, and makes it possible to reposition 30-50% of the load weight between the sides - a very valuable feature on soft ground conditions.



## HULTDINS Terrain Bridge 500

**HTB 500** (Hultdins Terrain Bridge 500) is a portable bridge for forestry machines. It is designed to facilitate the crossing of creeks and small streams. The bridge is carried on the forwarder load space and placed out with the crane. HTB 500 is light enough to be handled by the smallest forwarder crane, but strong enough to carry the heaviest forwarder with full load. Placing it over the creek only takes a couple of minutes. HTB 500 saves the environment as well as it shortens your forwarding distance and helps you from getting stuck.



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Subject to change without prior notice.