

**GMT**

**EQUIPMENT**



**GMT PRODUCTS**

# Safe and efficient pruning and removal of trees

Suitable for all vehicles with a crane • Easy installation • Save up to 60% in man-hours and materials  
Ideal in cities and along roads, railways and waterways • Directly from the tree into the container or chipper



# Making tree work safe and efficient

Without technical adjustments, the GMT grapple saw can be mounted on any crane, making your basic machine more widely usable! You can maintain and remove trees more efficiently and safely using our grapple saws. The unique combination enables smaller sections of a tree to be removed and to be cleared away immediately. Therefore, directly off the tree into a container or chipper without touching the ground and causing damage by falling wood. This means fewer man-hours, making the GMT grapple saw a profitable investment.

## The advantages

- No additional hydraulic lines and/or electric control cables are required because of the patented valve block
- Saws only when the grapple has reached maximum clamping power
- Wide range: cutting diameters from Ø 5 cm to Ø 50 cm
- Grapple saw is unlimitedly rotatable: saw from every position around the tree or branch
- Low weight
- Robust design: minimal maintenance and long lifespan
- Balanced saw for maximum cutting speed
- Tree parts can be flexibly grasped and held in a fixed position after cutting
- Makes your basic machine more widely usable
- Fast work process, ideal for use in cities, along roads, railways and waterways
- Suitable for wet conditions, even under water
- Trees can be shortened when in either vertical or horizontal positions
- Minimum noise nuisance through the use of hydraulics
- Up to 60% savings in man-hours and materials
- Easy change of equipment with our quick coupler
- Minimal clearing work after felling



GMT050 grapple saw  
on a Ritter skidder

# GMT grapple saws

Grapple saws GMT035 and GMT050 enable trees to be removed in sections. Flexible, tension-free grasping, sawing and controlled felling. These grapple saws have proven themselves for more than 10 years in a variety of situations. The product range includes grapple saws with the Total Tree Control (TTC) system. The GMT035 TTC and GMT050 TTC have been designed to enable tree sections to be held after sawing; this not only blocks the tilt cylinder of the grapple saw, but also the multidirectional movement of the Cardan suspension. With just one push of a button, tree sections can be grasped flexibly and removed in a fixed position! There are no limits to holding sawn-off tree sections, but for safety reasons, the maximum permitted workload of the crane on your carrying vehicle is pre-set at the factory. The design and operation is patented.



**GMT 035**



**GMT 035 TTC**



**GMT 050**



**GMT 050 TTC**

<b>Control</b>				
Tilt + Link blocking	No	Yes	No	Yes
<b>Dimensions</b>				
Maximum opening width	85 cm   33"	85 cm   33"	122 cm   48"	122 cm   48"
Maximum cutting diameter	Ø 35 cm   14"	Ø 40 cm   16"	Ø 50 cm   20"	Ø 50 cm   20"
Minimum cutting diameter	Ø 5 cm   2"	Ø 5 cm   2"	Ø 8 cm   3"	Ø 8 cm   3"
<b>Weights</b>				
Weight grapple saw	245 kg   540 lbs	245 kg   540 lbs	395 kg   870 lbs	395 kg   870 lbs
Maximum workload	1500 kg   3300 lbs	1500 kg   3300 lbs	2500 kg   5500 lbs	2500 kg   5500 lbs
<b>Hydraulics</b>				
Recommended pump flow capacity	35-65 litres/minute	35-65 litres/minute	45-80 litres/minute	45-80 litres/minute
Maximum operational pressure	250 bar   3626 psi	250 bar   3626 psi	250 bar   3626 psi	250 bar   3626 psi
<b>Saw</b>				
Length saw blade	46 cm   18"	52 cm   20"	64 cm   25"	64 cm   25"
Actual length saw blade	35 cm   14"	40 cm   16"	50 cm   20"	50 cm   20"
Saw motor	10 cc piston motor	10 cc piston motor	10 cc piston motor	10 cc piston motor



GMT035 on a  
Hitachi excavator

# Usability of grapple saws

The GMT Equipment grapple saws are suitable for all rigid vehicles with cranes. Good examples are trucks, telehandlers, excavators, tractors, forwarders and skidders. The advantages of holding cut tree sections (TTC system) really come into play for slow-moving cranes. Which grapple saw is best suited to your vehicle?

**GMT 035**

**GMT 035 TTC**

**GMT 050**

**GMT 050 TTC**

## Application

Application	GMT 035	GMT 035 TTC
Truck with recycling/timber crane	++	+
Truck with loader crane	+	++
Rotating telehandler	+	++
Excavator	+	++
Tractor/Forwarder/Skidder	++	+

In specific activities or situations it is important, or even a requirement, that sawn tree sections are held. Below are a number of examples in which the TTC grapple saws are more advantageous than grapple saws without TTC.

- Diseased or dead tree sections where, if they tilt-down after sawing, there is a risk of dead tree parts breaking off
- Activities where it is not possible for the grapple saw to grasp the tree from different directions, in order to influence the direction of fall
- Activities in which there is no room at all for sawn tree sections to tilt-down
- Precise pruning of thin branches
- The client requires that sawn tree sections are held upright
- Holding tree sections improves the operator's confidence, therefore contributing to a safer and more efficient workflow



# Quick coupler GMT C10

The GMT C10 quick coupler allows you to quickly and easily switch between the grapple saw and other equipment on your crane. The GMT quick coupler has a unique, robust design and is mounted between the rotator and equipment.



## GMT C10

Maximum workload	10000 kg   22000 lbs
Weight	25 kg   55 lbs
Height	10 cm   4"
Pitch circle of the mounting holes	Ø 173 mm
Mounting bolts	6 x M16 kl.12.9



Bell Equipment logger with a GMT C10 quick coupler and GMT035 grapple saw



# GMT Fly Jibs

With a GMT Fly Jib you can easily install a GMT grapple saw on the loader crane of your truck or on your telehandler. This crane extension is needed to ensure free movement and a 360° rotation of the grapples saw, when the crane is in an upright position.

GMT Fly Jibs are suitable for all makes of loader cranes and telehandlers, where the telescopic part or the fork carriage can be adjusted accordingly.

GMT Fly Jib FF

## Standard fixed Fly Jib FS

The standard fixed Fly Jib FS includes all additional hydraulic lines and quick coupler unit pre-mounted for easy connection to the crane's hydraulics. A standard link and rotator are all that are needed to complete your set. This Fly Jib is a perfect solution when you are able to leave the crane, Fly Jib and grapple saw on the back of your truck when moving around.



## Y-link fixed Fly Jib FY

In the Y-link fixed Fly Jib FY hydraulic lines are protected inside the Fly Jib which will make your machine even more robust. These benefits can only be achieved in combination with the special Y-link and corresponding rotator.



## Folding Fly Jib FF

The folding Fly Jib FF allows you to disconnect the grapple saw, rotator and link in one go with a quick connector. The Fly Jib can then easily be retracted into the upper section of the crane.



## Telehandler Fly Jib FT

A grapple saw cannot be directly attached to a standard Fly Jib made by the telehandler manufacturer. GMT Equipment can, however, supply a suitable Fly Jib for every telehandler brand.





**FS****FY****FF****FT**

<b>Weight</b>	60 kg   132 lbs	60 kg   132 lbs	80 kg   176 lbs	250 kg   551 lbs
<b>Maximum workload</b>	2000 kg   4400 lbs	2000 kg   4400 lbs	2000 kg   4400 lbs	2000 kg   4400 lbs



GMT035 TTC with GMT Fly Jib FT  
on a Magni telehandler

## GMT Custom

GMT Equipment is committed to enabling safe and efficient pruning and removal of trees using any vehicle with a crane. This is why we manufacture customer-specific auxiliary parts at our company to enable special applications or combinations. Ask about the options – we look forward to assisting you.



# **GMT** EQUIPMENT



## **GMT Equipment**

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- Low impact on the surrounding area
- Just one person needed on the ground
- Fast and safe removal of trees
- No noise disturbance
- Hardly any clean-up work after felling
- Minimal work space required