

MUS-MAX®



INNOVATION
AND
COMPETENCE
IN THE CHIPPER
TRADE!

High-tech tractor chipper

Crane-fed drum chipper for tractor use from 100–600 HP



“If you have had the best, then you will never be happy just with the good.”

WELCOME TO MUS-MAX

INNOVATION ALS STRATEGIE!
INNOVATION AS STRATEGY!

The company MUS-MAX developed from a forge founded in 1859 by Karl Gutjahr, which, since the 1950s, has concentrated more and more on the manufacture and trading of agricultural machinery. The **MUS-MAX** brand was brought to the world in 1975 – and since then our machines have always stood for innovative technology

and the highest level of handshake quality. The company has remained in family ownership since the first days of our history in the 19th century and it continues to grow. We currently have more than 115 employees who make a significant contribution to the success of the brand.

Our history in numbers

1859



Foundation of the market town forge Gross Sankt Florian by Karl Gutjahr, which later was to become the **MUS-MAX** company.

1952

The start of manufacture and trading of agricultural machinery



1975

Birth of the “**MUS-MAX**” brand
mus max



The **"Wood-Terminator"** wood chipper range is marketed world-wide by our continuously-expanding sales and service network.

Above all, our customers have come to appreciate the efficiency of the products, the high reliability levels, and also the flexibility of our company. Everything is availa-

ble from a single source, from the initial idea to the series product, since we develop, produce and market our products ourselves.

It is our aim to make the tasks performed by our customers easier. It is therefore our task to develop high-quality machinery

that meets the needs of our customers, because the customer is always the focus at MUS-MAX! We also secure the quality and sustainability of our machines by using optimum working procedures and continuous development.

1994

Manufacture of the first wood chipper
"Wood Terminator WT 7"



2004

Delivery of the first truck chipper
"Hack-Truck"



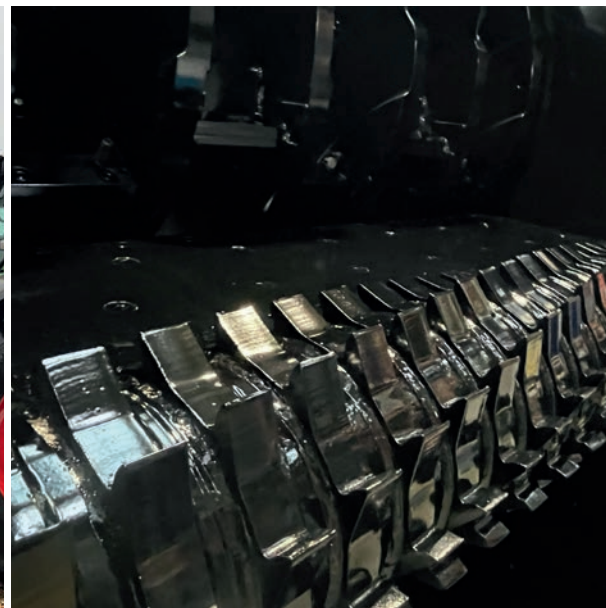
2023

Start of building the new company headquarters





Infeed system on model WT 11L Z



Lower infeed roller with optimum tooth geometry

AGGRESSIVE INFEED SYSTEM

Exchangeable teeth and blades ensure consistent smooth running of the top roller.

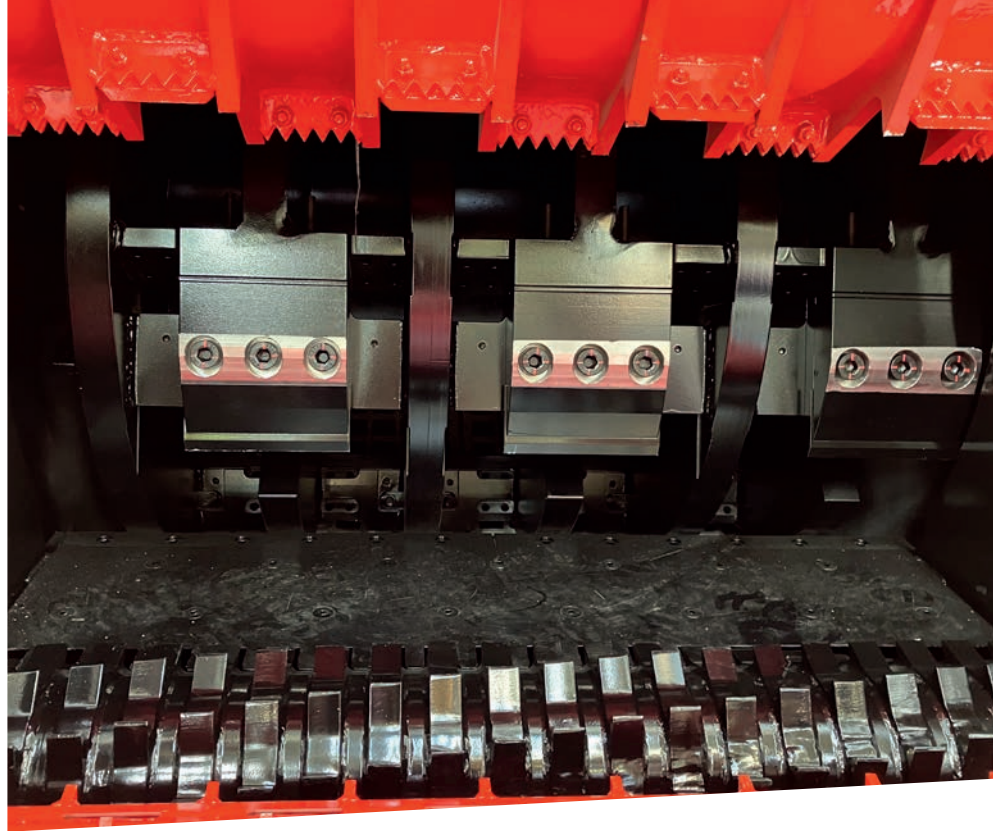
Sturdy infeed table

The infeed table, made of high-strength hot-dip galvanised steel, ensures easy feeding to the machine as a result of its design. On the narrow models, the infeed table can be supplied with an extended roller or with a swivelling infeed tube.

Aggressive infeed rollers

The generously dimensioned upper infeed roller, with its internal planetary gearbox, together with the lower infeed roller, provides continuous powerful material infeed.





MUS-MAX DRUM TECHNOLOGY

Whether it be **fine or coarse material to be chipped**, the MUS-MAX chipping drums guarantee continuous consistent **high quality chipped material**. The drums are characterised by a very high drum mass with a simultaneous low speed of rotation. This ensures very smooth and even running. All drum types can be supplied with knives (20 mm thick) or blades (8 or 10 mm thick), depending on customer requirements. They can be supplied in a single or double cut version, depending on the material to be chipped.

		WT 7L	WT 8XL	WT 9XL	WT 10XL	WT 11	WT 11L	WT 11XL	WT 12
5 knives drum	233 mm	-	-	-	-	●	●	-	-
6 knives drum	233 mm	-	-	-	-	-	-	●	●
8 knives drum	168 mm	●	●	-	-	-	-	-	-
10 knives drum	168 mm	-	-	●	-	-	-	-	-
10 knives drum	200 mm	-	-	-	●	-	-	-	-
10 knives drum	233 mm	-	-	-	-	●	●	-	-
12 knives drum	233 mm	-	-	-	-	-	-	●	●



1. Hydraulic blower with swivelling blower cover
2. Mechanical blower (optionally with industrial freewheel)
3. New MUS-MAX high-performance fan blade

BLOWER

Our powerful blowers are available with a **mechanical or hydraulic** drive, depending on the model. Irrespective of the drive, each is characterised by:

- Highly efficient projection
- Less post-chipping ensures a small amount of fines
- Resistant Hardox material
- Easy replacement of wear plates

EJECTOR

The appropriate ejector is available for every MUS-MAX chipper, matched in each case to the delivery rate and the blower. All the ejectors are driven by a sturdy and wear-resistant rotary drive. They are characterised by their **high performance** and **consistently accurate stream of ejected material**. They are also available in a telescopic version (80 or 160 cm), depending on the model.



CONSISTENT HIGH QUALITY WOODCHIPS

Our wide product range ensures the production of high quality woodchips in the sizes P16–P63 (G30–G100).

The screens **have an important role** in the chipping process. They make sure that no over-long parts remain in the chipped material. MUS-MAX chippers have a large screen surface, resulting in a low level of fines, minimizing

the post-chipping involved. The screens can be replaced by a single person in just a few minutes, thanks to their low weight and their two-section design.



P16 (G30)

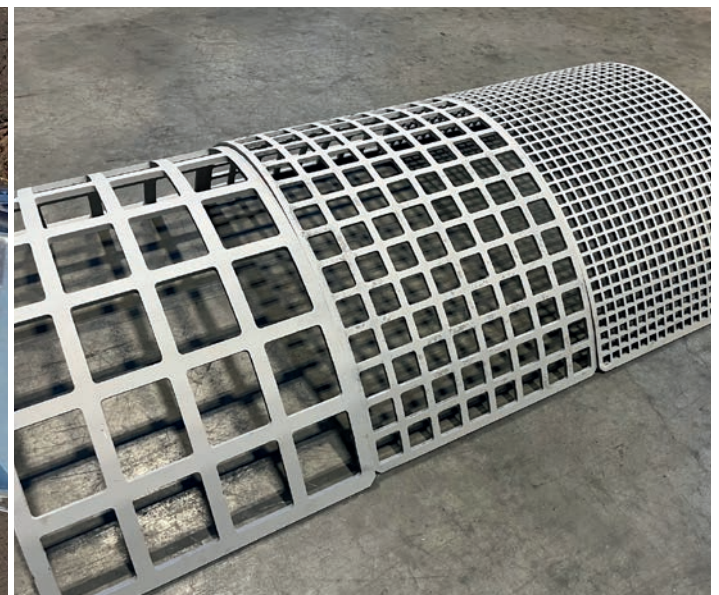


P31 (G50)



P63 (G100)

Our screens are available in all common versions from 20–120 mm.





CONTROL SYSTEM

MUS-MAX System Control "SC"

Intelligent and intuitive control unit for wood chippers. A combined controller consists of a 10.1" touch screen and a keypad with thumb joystick, rotary knob and 9 multi-function keys. It is possible to integrate up to 3 cameras, one foot-pedal feed and one remote control connection.

Flexible mounting options

The MUS-MAX System Control components can be arranged individually to suit the customer's requirements and the installation situation. For example, the controller can be mounted directly next to the touch screen, or even in the armrest on the operator's seat.

As an option, our wood chippers can also be supplied with the classic MUS-MAX Process Box.



The **powerful MUS-MAX Control System** is characterised, amongst other things, by:

- An intuitive arrangement of all the control elements
- An intelligent feed control system, matched to the material to be processed
- Modern powerful hardware
- Individual setting possibilities for the joystick functions and chipping programmes
- Rapid identification of faults with optional online support via the IOT System

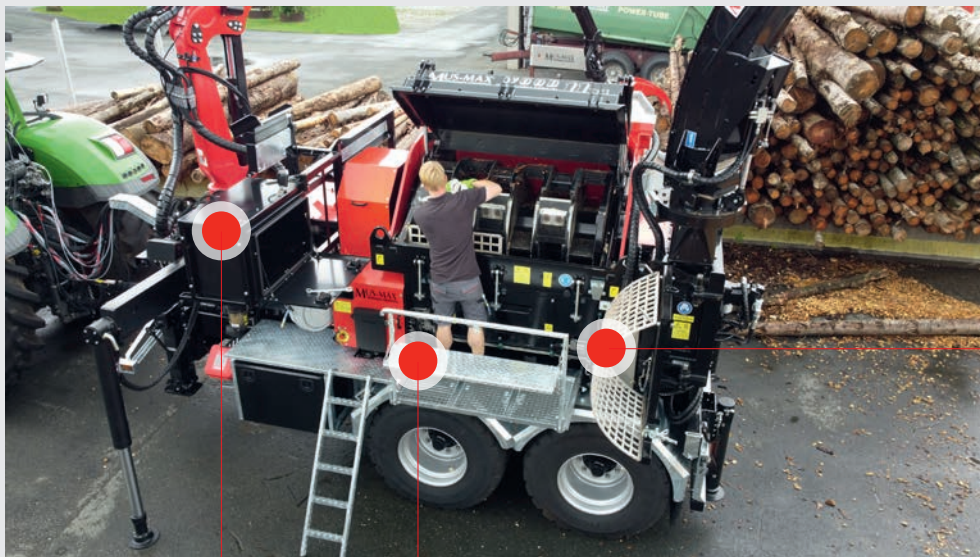
MAINTENANCE

MUS-MAX wood chippers are characterised, amongst other things, by an **outstanding maintenance accessibility**. Whether it be the rotor, the bearings, the belt tensioner or the oil filters, all important machine components can be **obtained without great expense**.

The new **MUS-MAX "Safety" maintenance platform**, fitted as standard, provides the greatest possible freedom of movement when working on the rotor and also ensures the highest level of safety. Ergonomic screen and knife replacement from the platform is ensured, in combination with the

rotating screen mount and swivelling toolbox.

All the essential maintenance intervals are stored in the intelligent **MUS-MAX Control System** and the operator is reminded to carry out the routines in good time.



Rotating screen mount

Rotating aluminium toolbox including LED lighting for the rotor

Safety maintenance platform with fall prevention

Spare parts availability

Based on the high level of in-house manufacture (CNC milling, turning, drilling, and laser-cutting), we can ensure an optimum provision of spare parts and wear parts at all times.



OPTIONS

All of our models can be matched to the specific requirements of our customers by the use of a **wide variety of optional equipment possibilities**. The options listed here are only a small extract from our range of special equipment. On request we can also incorporate **individual special solutions**.



Cover for stabilizers

Robust cover for crane support with reinforced floorplate.



Stabilizers

Hydraulic support at the rear.



Central lubrication

Grease central lubrication for the chipper and the crane.



LED lighting packages

The premium LED lighting package ensures safe, accurate and productive working, even at night. This lighting upgrade consists of up to 6 LED working spotlights, providing the driver with a good view of the entire machine.



Toolboxes

Swivelling or fixed powder-coated toolboxes.



Camera

Camera system with up to 3 cameras (reversing camera, ejector, etc.).

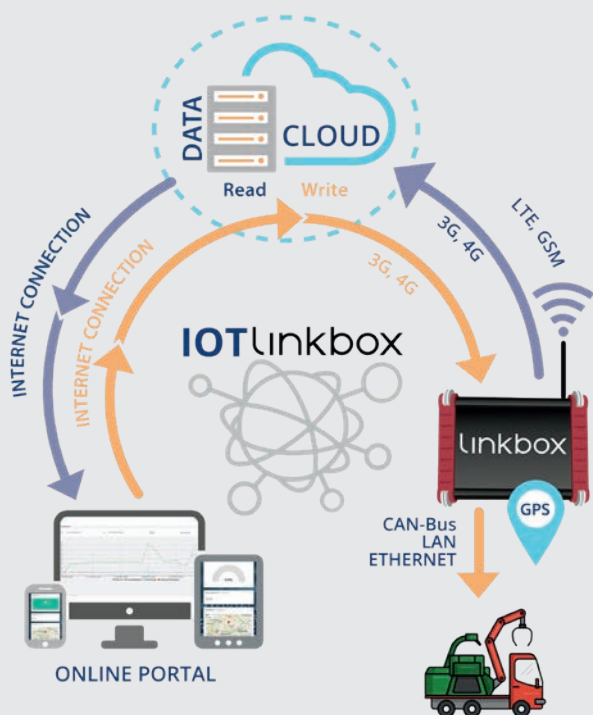
Telemetry

IOT Connect System

The IOT Connect System connects mobile and stationary machines to the portal via the internet, where remote control, remote monitoring and various assessment tasks can be carried out.

The following functions can be monitored and adapted at any time by the owner or even by the MUS-MAX service team, if required, using our own web and mobile application:

- Realtime status of the machine
- The chipping parameters
- Call-up of error messages
- Hydraulic pressures and all rotating speeds
- Remote maintenance by the manufacturer
- Data recording
- Live maintenance
- Position determination of the machine using GPS



Wood splitter

Our machines can be equipped with splitter jaws and splitter wedges to allow you to process oversize items economically.



Knife storage box

For secure storage of 1-2 sets of knives.



Radio remote

Radio remote control with 2 button levels for controlling the election and feed functions.



Footpedals

The operator can himself allocate the various different functions (feed reverse, upper rollers, etc.) to the footpedals using the chipper control system.



TRACTOR CHIPPER PTO MACHINES

Our **Wood-Terminator tractor chipper range** allows us to offer the right model for all customer requirements. **From the smallest model WT 7L Z**, which can also be fed by hand, **up to the largest tractor chipper in the world, the WT 12 Z**, we can cover the tractor classes of 100–600 HP, without any gaps.

		WT 7L Z	WT 8XL Z
Infeed opening (WxH)	cm	64x50	64x60
Maximum tree diameter	cm	50	60
Chipping capacity*	lcm/h	60	90
Number of chipper knives/blades	No.	8	8
Screen surface	m ²	0.95	1.15
Maximum ejection height*	m	4.50	4.60
Maximum throwing distance*	m	8	10
Feed chain length	m	1.2/2.2 or 2.4	2.4
Tractor power requirement	HP	100–170	130–220
Axles	No.	1 or 2	2
Infeed mode	Type	Hand/crane mode	Crane mode

* In loose cubic metres per hour, data depending on wood consistency

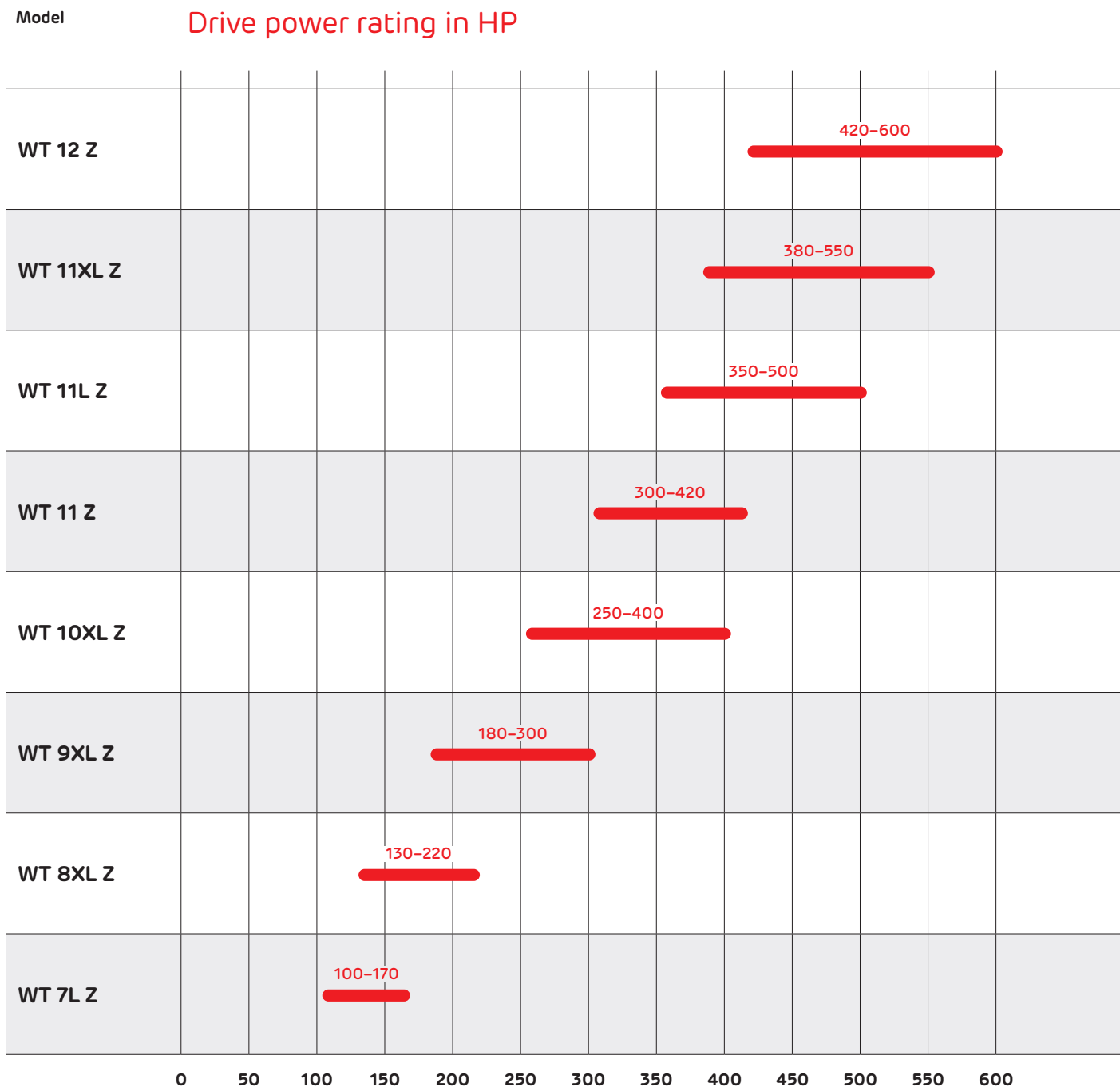


WT 9XL Z	WT 10XL Z	WT 11 Z	WT 11L Z	WT 11XL Z	WT 12 Z
82x70	98x75	114x75	114x80	135x80	135x90
70	75	75	80	80	90
130	180	200	240	260	300
10	10	5/10	5/10	6/12	6/12
1.40	1.70	1.95	2.00	2.10	2.20
4.80	5.20	5.20	5.50	5.50	5.60
12	14	16	18	18	20
2.7	2.7	2.7	3.15	3.15	3.15
180-300	250-400	300-420	350-500	380-550	420-600
2	2	2	2	2	2
Crane mode	Crane mode	Crane mode	Crane mode	Crane mode	Crane mode

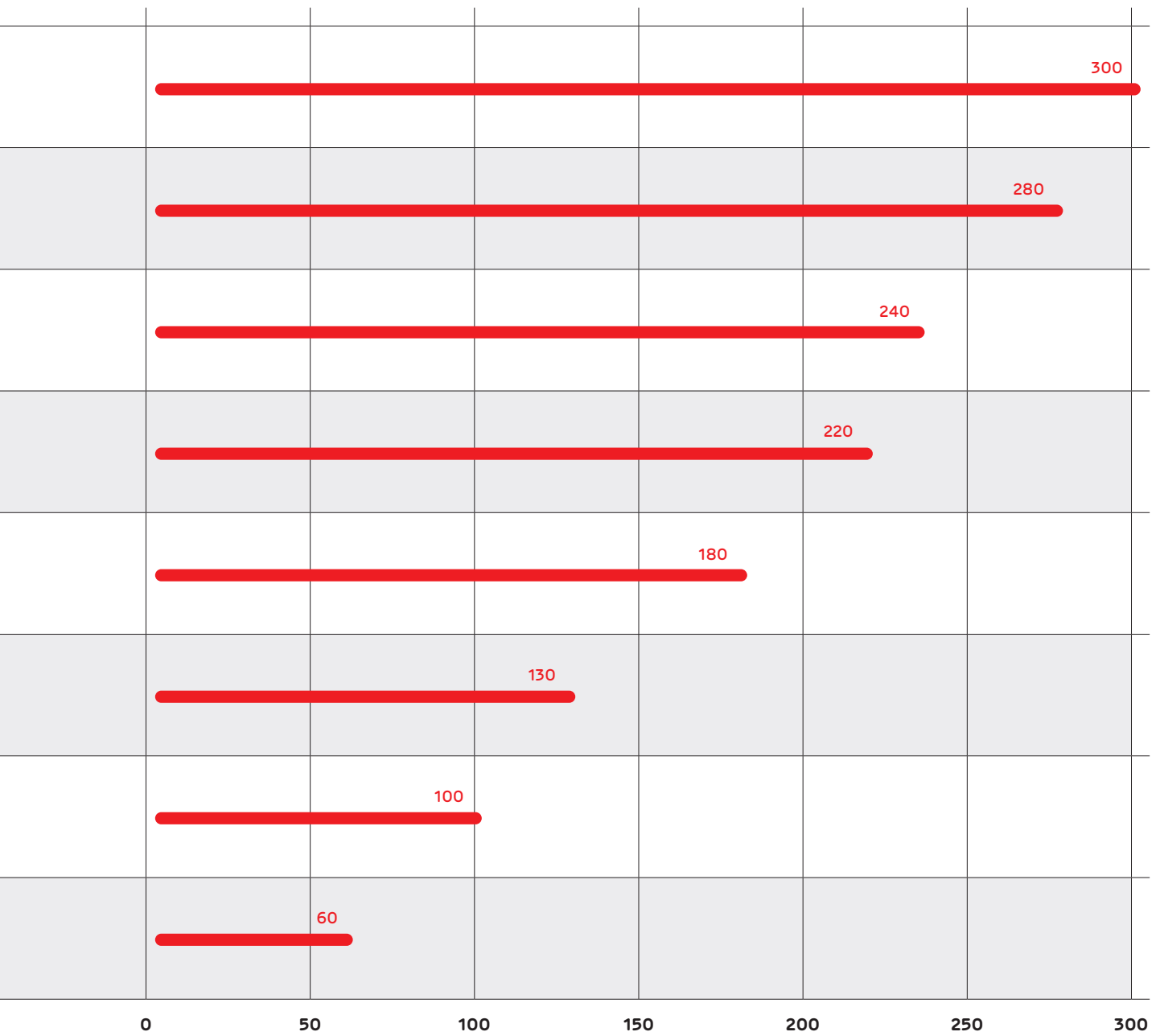
DRIVE POWER AND THROUGHPUT RATE

Depending on the performance requirement, we offer our chipper machine range from **60 lcm/h to peak performance outputs in excess of 300 lcm/h.**

This means that we can deal with all types of work, from the private contract to delivery to industrial installations.



Throughput in lcm/h



MUS-MAX®



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All our equipment and machines are continuously tested and developed. We reserve the right to make technical and performance modifications as required.
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**State
awarded
training company**