

TP 215 MOBILE

SINGLE AXLE · DIESEL

TP 215 Mobile 8" is the smaller of our large machines. With its horizontal rollers, it can process trunk diameters of up to 215 mm with the market's most aggressive feed system. Chip size is hydraulically adjusted using the feed speed. The height-adjustable ejector spout can be rotated 270°.

The 44 kW Stage V Hatz diesel engine has clean combustion and guarantees technological and quality standards that will allow you to chip wood every day. The Hatz engine also uses the newest technology to ensure that your wood chipping operations are green operations.

TP 215 Mobile can be customised to your exact requirements, whether you need single or twin axles, a straight or height adjustable draw-bar, a fixed output spout or the height-adjustable TP Vario Spout.

FEATURES

- Roller opening 216x265 mm
- Wide funnel 1176 mm
 - low infeed-height 680 mm
- Low emission / fuel consumption (4L/h.)
- Auto-reverse for optimal infeed and efficient working conditions
- Dual torque – the most aggressive infeed in the market
- Hatz engine (59 hp/44 kW)
 - efficient with high torque
- TP Pilot+ functions



216 mm



59 HP



4-14 mm



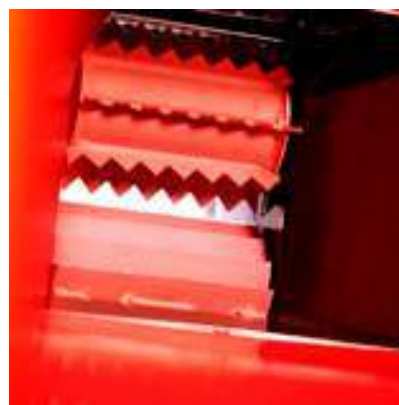
1400 kg



Hatz engine from Germany, Stage V with Bosch common rail system



TP Pilot+, Simple in use and still with excellent features for daily work



Dual Torque. Horizontal rollers with 8" roller opening (216x265 mm)



Techsheet

INNOVATIVE CO-PILOT

TP PILOT+ IS STANDARD FOR TP 215/280 MOBILE

Our new Pilot+ is a simple digital computer. It displays what you need to know while being capable of doing much more than you can see.

We have developed three very unusual features that make TP and Pilot+ very unique.

RANGE CONTROL

- Lower noise in standby
- Decrease engine speed to 50% when machine has been inactive for 10 seconds
- Environmentally and operator friendly

AUTO REVERSE

- Prevent jamming of the infeed
- Reversing of the infeed rollers for 0.25 seconds
- Standard function

LOW NOISE FUNCTION

- Chipping with 80% rotation speed
- Perfect for smaller jobs
- Environmentally and operator friendly

NEW



FEATURES FOR TP 215 - TP 280



GENERAL FEATURES

TP 215/280 WHEELED AND TRACKED VARIANTS

- Stage V Compliant
- EC vehicle Type-approval Certificate
- Overrun braked trailer (hot-dip-galvanized) from AL-KO
- High capacity (20/25 m³/hour)
- Safety first – TP-E-Stop



TP PILOT+

PROBLEM-FREE OPERATION (NEW GENERATION)

- No stress control
- Fuel level
- Jobtimer
- Service information
- Start-up and operating mode
- Engine fault
- TP E-Stop activated

See page 15 for further functions.



TP STARTER™

PROLONGS ENGINE LIFE-TIME

- Automatic clutch system coupling/ uncoupling belts
- Easy machine start-up/shut-down



TP OPTICUT

DISPLACED BLADES (BLADE SYSTEM)

- Displaced blades (4 pcs.) constantly engaging material
- Less vibrations / steadier strain
- Optimized and low fuel consumption
- Uniform chip quality



TP TWIN DISC™

DOUBLE THE DISCS – DOUBLE THE STRENGTH

- Light weight with heavy weight ranking
- Unique and solid construction inspired by the bees
- Strong out-blow



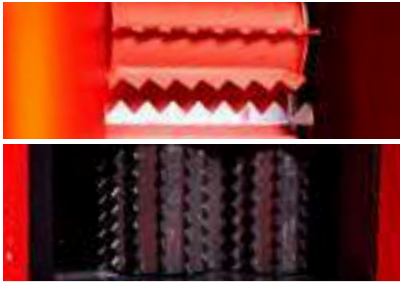
TP VARIO SPOUT™

ADJUSTABLE HEIGHT FOR FLEXIBLE OUT-PUT

- Variable out-put heights (max. height 2420 mm)
- 270° rotation
- Low storage/transport position (from 1980 mm)

For TP280 electrical adjustable Vario Spout is standard.

For TP215 the Vario Spout is manually.



STRONG ROLLERS

INFEED ROLLERS MADE OF HARDOX STEEL

- Two infeed rollers
- Roller opening:
TP 215: 216x265 mm (horizontal)
TP 280: 280x280 mm (vertical)
- Hydraulic adjustable infeed speed (chip size 4-16 mm)
- Two strong springs on TP 215 Mobile and three on TP 280



TP EASY CONTROL

RESET - REVERSE - GO FUNCTION

- Quick and easy electronic re-start after activation of safety bar
- Placed on both sides of the funnel
- Reset for optional safety



EASY & SAFE SERVICE

SERVICE FRIENDLY LIKE NO OTHER

- 1 tool - 4 knives - 5 minutes (rotor lock eases the job)
- Easy access for daily maintenance and lubrication
- No need for special tools
- Engine and machine components fully protected



EMISSION

CLEAN WORKING ENVIRONMENT

- Exhaust through spout - operator stays clear of exhaust
- Diesel particle filter



HYDRAULIC SYSTEM

GREATER EFFECT AND OPERATIONAL RELIABILITY

- Integrated hydraulic system with it's own pump, tank, and filter
- Ensures correct pressure and oil level
- Minimizes power consumption
- Oil cooler for optimal working temperature - long life



WARRANTY

3 YEAR WARRANTY

- Extended for essential components
- Contract further buys
- Comfort for quality

COMPARE MODELS



| | TP 215 MOBILE | TP 215 MOBILE T | TP 215 TRACK |
|--|---------------------------------|---------------------------------|---------------------------------|
| Max. wood diameter | 216 mm | 216 mm | 216 mm |
| Roller opening | 216 x 265 mm | 216 x 265 mm | 216 x 265 mm |
| Engine make | Hatz 3H50TICD | Hatz 3H50TICD | Hatz 3H50TICD |
| Engine power HP/kW | 59 HP / 44 kW | 59 HP / 44 kW | 59 HP / 44 kW |
| Number of cylinders | 3 | 3 | 3 |
| Torque | 203 Nm | 203 Nm | 203 Nm |
| Control unit | TP STARTER/TP PILOT + | TP STARTER/TP PILOT + | TP STARTER/TP PILOT+ |
| Fuel | Diesel | Diesel | Diesel |
| Tank size | 52 litres | 52 litres | 52 litres |
| Fuel consumption | 4 L/h (210g/kWh) | 4 L/h (210g/kWh) | 4 L/h (210g/kWh) |
| Capacity/hour | 20 m ³ | 20 m ³ | 20 m ³ |
| Woodchip size | 4-14 mm | 4-14 mm | 4-14 mm |
| Adjustable woodchip size | Yes | Yes | Yes |
| Woodchip standard | G30/G50/G100* | G30/G50/G100* | G30/G50/G100* |
| Feed rollers | 2 | 2 | 2 |
| Roller position | Horizontal | Horizontal | Horizontal |
| Chipper type | Disc chipper | Disc chipper | Disc chipper |
| In-feed angle | Parallel to direction of travel | Parallel to direction of travel | Parallel to direction of travel |
| Chipping angle | 90° | 90° | 90° |
| TP E-STOP™ | Yes | Yes | Yes |
| TP EASY CONTROL™ | Optional | Optional | Optional |
| TP OPTICUT | Yes | Yes | Yes |
| Number of knives / counterknives | 4 / 3 | 4 / 3 | 4 / 3 |
| Disc diameter / weight | 760 mm / 140 kg | 760 mm / 140 kg | 760 mm / 140 kg |
| Noise level, in acc. with directive 2000/14/EC | 125 dB | 125 dB | 125 dB |
| Infeed hopper width | 1176 mm | 1176 mm | 1176 mm |
| Funnel height (above ground) | 684 mm | 810 mm | 679 mm |
| TP VARIO SPOUT | Optional | Optional | Optional |
| Weight | 1400 kg | 1800 kg | 1500 kg |
| Width (operation, max.) | 1705 mm | 1735 mm | 1150 mm (1350 mm) |
| Height (operation, max.) | 1983 mm (2716 mm) | 2121 mm (2852 mm) | 1892 mm (2625 mm) |
| Length (operation) | 4395 mm (4994 mm) | 4316 mm (4914 mm) | 2625 mm (3365 mm) |

*Requires a fitted TP CHIP KIT (optional).

To learn more about TP CHIP KIT and G standards, go to www.tpchipper.com



| | TP 280 MOBILE | TP 280 MOBILE T |
|--|---------------------------------|---------------------------------|
| Max. wood diameter | 280 mm | 280 mm |
| Roller opening | 280 x 280 mm | 280 x 280 mm |
| Engine make | Hatz 4H50TICD | Hatz 4H50TICD |
| Engine power HP/kW | 74 HP / 55 kW | 74 HP / 55 kW |
| Number of cylinders | 4 | 4 |
| Torque | 240 Nm | 240 Nm |
| Control unit | TP PILOT+ | TP PILOT+ |
| Fuel | Diesel | Diesel |
| Tank size | 75 litres | 75 litres |
| Fuel consumption | 6 L/h (210g/kWh) | 6 L/h (210g/kWh) |
| Capacity/hour | 25 m ³ | 25 m ³ |
| Woodchip size | 6-16 mm | 6-16 mm |
| Adjustable woodchip size | Yes | Yes |
| Woodchip standard | G30/G50/G100* | G30/G50/G100* |
| Feed rollers | 2 | 2 |
| Roller position | Vertical | Vertical |
| Chipper type | Disc chipper | Disc chipper |
| In-feed angle | Parallel to direction of travel | Parallel to direction of travel |
| Chipping angle | 90° | 90° |
| TP E-STOP™ | Yes | Yes |
| TP EASY CONTROL™ | Yes | Yes |
| TP OPTICUT | Yes | Yes |
| Number of knives / counterknives | 4 / 2 | 4 / 2 |
| Disc diameter/weight | 835 mm / 193 kg | 835 mm / 193 kg |
| Noise level, in acc. with directive 2000/14/EC | 125 dB | 125 dB |
| Infeed hopper width | 1176 mm | 1176 mm |
| Funnel height (above ground) | 736 mm | 822 mm |
| TP VARIO SPOUT | Yes / Optional | Yes / Optional |
| Weight | 1900 kg | 2400 kg |
| Width (operation, max.) | 1971 mm | 2003 mm |
| Height (operation, max.) | 2379 mm (3484 mm) | 2461 mm (3568 mm) |
| Length (operation) | 4680 mm (5599 mm) | 4659 mm (5579 mm) |

*Requires a fitted TP CHIP KIT (optional).

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