

TP 175 MOBILE ZE

100% ELECTRIC – NO FUMES – LESS NOISE

Only 7" and 100% Zero emission disc chipper on the market. The environmental footprint of the TP 175 ZE is minimal. The 65 volts LMC electric engine of the woodchipper comes with a torque of up to 100 Nm and has plenty of power to save.

The 195-325 amp capacity of the Lithium-ion battery pack ensures approx. 3-5 hours of operation with mixed material.

CO₂ COMPARISON

	TP 175 MOBILE ZE	TP 175 MOBILE P	TP 175 MOBILE TRACK
1 hour	0.9 kg	26 kg	9.6 kg
100 hours (consumption)	275 kg (1250 kW)	3305 kg (1056 liters)	1756 kg (493 liters)

FEATURES

- Up to 5 hours (mixed material)
- Less noise, no fumes
- Charging from 0% - 100% ~ 7 hours (230V-16A)
- Low daily maintenance / costs
- Two aggressive in-feed rollers (variable speed)
- Roller opening 175x191mm (7") / Wide funnel 920 mm
- TP Pilot+ with Range control and information centre
- Easy-Service (1 tool, 2 knives, 3 minutes)
- LMC motor: Eco (70Nm) Standard (85Nm) and Boost (100 Nm)
- Weight for 195-260 amp <750kg*
Weight for 325 amp 792kg



175 mm



85-100 Nm



4-12 mm



<750 kg*



Integrated charger: 230V 16A 65V and cable



City and Eco-friendly LMC engine. Reduced noise level.



195 amp (3 hours)

260 amp (4 hours)

325 amp (5 hours)

Lithium battery (LiNiMnCoO₂ 65V) provides up to 3,4,5 hours of operation



Zero emission for greener work

SAFETY AND SERVICE



TP E-STOP

OPTIMUM SAFETY FOR THE OPERATOR

TP E-STOP is the safety equipment consisting of two or four emergency stop switches located on top of the funnel, and on the sides of the funnel (the latter for some models). When one of the four emergency stops is activated, the in-feed rollers stop rotating. The emergency stop button must be reset before the rollers re-activate.

- TP E-STOP and additional optional safety kit consisting of either 2 or 4 E-STOP switches (located on the top and on the side of the funnel)
- By activation feed rollers stop rotating
- Ideal for rental/for unskilled employees

ORIGINAL WEAR PARTS – FOR SAFETY'S SAKE

TP Woodchippers are built to deal with tough materials, but wear parts don't last forever. We always recommend that you use original wear- and spare parts. They should be replaced according to our information and guidelines.

By doing so, you achieve better wood- chip quality and better fuel consumption. At the same time, you optimise reliability and extend the lifetime of the woodchipper. We even continue to supply parts for TP woodchipper models that have been in operation for over 20 years!



HOMOLOGATION/APPROVALS

The hot-dip galvanized trailer and chassis are supplied from ALKO. Trailer includes overrun brake. The woodchippers are delivered with a Certificate of Conformity to show that they are fully homologated and compliant with the European Directive 2007/46/EC. All TP woodchippers comply with all existing safety standards (EN 13525)



TP SERVICE BOX

TO KEEP YOU RUNNING SMOOTHLY

A TP SERVICE BOX contains all critical wear parts that are appropriate for each TP woodchipper. For example, knives, counter knives, scrapers, hydraulic filter and of course nuts and bolts.

With the box close at hand, you are always guaranteed optimum operation – even when you are out in the grounds, far from stores and workshops.

Optional for all TP woodchippers.

FEATURES FOR TP 165 - TP 175



GENERAL FEATURES

TP 165/175 WHEELED AND TRACKED VARIANTS

- Stage V Compliant
- EC vehicle Type-approval Certificate
- Overrun braked trailer (hot-dip-galvanized) from AL-KO
- High capacity (up to 4-10 m³/hour)
- Safety first – TP-E-Stop



TP PILOT+

PROBLEM-FREE OPERATION (NEW GENERATION)

- No stress control
- TP Auto Reverse function
- Rotor rotations and working hour control function
- TP E-Stop activated (TP 175 V, TP 175 P and TP 175 ZE)



TP STARTER™

PROLONGS ENGINE LIFE-TIME

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

(TP 175 V, TP 175 P and TP 175 Track)



TP OPTICUT

DISPLACED BLADES (BLADE SYSTEM)

- Displaced blades (2 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

- 5 out-put positions (max. height 244 cm)
- 270 degree rotation
- Low storage/transport position (from 175 cm)



STRONG ROLLERS

INFEED ROLLERS MADE OF HARDOX STEEL

- Two infeed rollers
- Roller opening: 175x191 mm (horizontal)
- Hydraulic adjustable infeed speed (chipsize 4-12 mm)
- One strong spring



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

(TP 175 V, TP 175 P and TP 175 ZE)



EASY & SAFE SERVICE

SERVICE FRIENDLY LIKE NO OTHER

- 1 tool – 2 knives – 3 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
- Unique concept
- No smoke to the user

For TP 175 only



HYDRAULIC SYSTEM

GREATER EFFECT AND OPERATIONAL RELIABILITY

- Integrated hydraulic system with own pump, tank, and filter
- Ensures correct pressure and oil level
- Minimizes power consumption



WARRANTY

3 YEAR WARRANTY

- Extended for essential components
- Wear parts not included

COMPARE MODELS



	TP 100 MOBILE	TP 165 MOBILE	TP 175 MOBILE V
Max. wood diameter	100 mm	175 mm	175 mm
Roller opening	150 x 275 mm	175 x 191 mm	175 x 191 mm
Engine make	HONDA	Kohler Pro HONDA	Kohler LDW 1404 Kubota D1305-E4B
Engine power HP/kW	20 HP / 14 kW	24 HP / 17 kW	24 HP / 18,5 kW
Number of cylinders	2	2	4 / 3
Torque	40 Nm	52 Nm	80 Nm
Control unit	E-Start	TP PILOT+	TP STARTER / TP PILOT+
Fuel	Petrol	Petrol	Diesel
Tank size	20 litres	25 litres	20 litres
Fuel consumption	3 l/h	5 l/h	3 l/h
Capacity/hour	3 m ³	4 m ³	10 m ³
Woodchip size	8-20 mm	12 mm	4-12 mm
Adjustable woodchip size	No	Yes	Yes
Woodchip standard	-	G30/G50*	G30/G50*
Feed rollers	1	2	2
Roller position	Horizontal	Horizontal	Horizontal
Chipper type	Drum 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	55°	90°	90°
TP E-STOP™	Yes	Yes	Yes
TP EASY CONTROL™	No	No	Yes
TP OPTICUT	No	Yes	Yes
Number of knives/counterknives	2/1	2/2	2/2
Disc diameter/weight	410 mm / 48 kg	599 mm / 69 kg	599 mm / 69 kg
Noise level, in acc. with directive 2000/14/EC	124 dB	124 dB	124 dB
Funnel height (above ground)	1551 mm	654 mm	654 mm
Funnel width (inside)	690 mm	920 mm	920 mm
TP VARIO SPOUT	No	Optional	Optional
Weight	300-314 kg	680 kg	749 kg
Width (operation, max.)	36 mm	1416 mm	1416 mm
Height (operation, max.)	1734 mm	1750 mm (2440 mm)	1750 mm (2440 mm)
Length (operation)	2335 mm	3515 mm (4013 mm)	3515 mm (4013 mm)

*Requires a fitted TP CHIP KIT (optional).

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



TP 175 MOBILE P	TP 175 MOBILE ZE	TP 175 TRACK	TP 175 TRACK ZE
175 mm	175 mm	175 mm	175 mm
175 x 191 mm	175 x 191 mm	175 x 191 mm	175 x 191 mm
Kohler EFI 980	LMC med LI-ION Battery	Kubota D1305-E4B	LMC med LI-ION Battery
38 HP / 27 kW	-	24 HP / 18,5 kW	-
2	-	3	-
79 Nm	70-100 Nm	80 Nm	70-100 Nm
TP STARTER / TP PILOT	TP PILOT+	TP STARTER / TP PILOT+	TP PILOT+
Petrol	Battery	Diesel	Battery
20 litres	195-325 Amp	20 litres	325 Amp
6 l/h	-	3 l/h	-
8 m ³	8 m ³	10 m ³	8 m ³
4-12 mm	4-12 mm	4-12 mm	4-12 mm
Yes	Yes	Yes	Yes
G30/G50*	G30/G50*	G30/G50*	G30/G50*
2	2	2	2
Horizontal	Horizontal	Horizontal	Horizontal
Disc chipper	Disc chipper	Disc chipper	Disc chipper
Parallel to direction of travel	Parallel to direction of travel	Parallel to direction of travel	Parallel to direction of travel
90°	90°	90°	90°
Yes	Yes	Yes	Yes
Yes	Yes	No	Yes
Yes	Yes	Yes	Yes
2/2	2/2	2/2	2/2
599 mm / 69 kg	599 mm / 69 kg	599 mm / 69 kg	599 mm / 69 kg
124 dB	124 dB	124 dB	124 dB
654 mm	654 mm	679 mm	679 mm
920 mm	920 mm	920 mm	920 mm
Optional	Optional	Optional	Optional
721 kg	< 750 kg - 792 kg	1150 kg	1150 kg
1416 mm	1416 mm	1150 mm (1300 mm)	1150 mm (1300 mm)
1750 mm (2440 mm)	1750 mm (2440 mm)	1900 mm (2440 mm)	1900 mm (2440 mm)
3515 mm (4013 mm)	3515 mm (4013 mm)	2571 mm (3123 mm)	2571 mm (3123 mm)

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