

PRODUCT CATALOGUE • TP 100, 166 & 176



MOBILE, SIMPLE & INNOVATIVE

Reliable machines designed
for demanding users



MADE IN DENMARK



RELIABLE WOOD CHIPPING
PERFECT RESULTS

WE CAME FROM THE WOODS

Our history began in 1980 with the manufacture of wood chippers for forest clearing and chip production. Our TP wood chippers are the product of our professional approach to wood chip quality and development.

TP forestry wood chippers are famous worldwide. Denmark is a flat country where trees are planted in straight rows, but this does not prevent us from having a presence in a market that needs quality products that will stand the test of time for many years.

100% DANISH

TP wood chippers are rotary disc chippers. We are experts in this technology but continue to push our limits and continue to develop our products. Our products are 100% Danish Designed and all our manufacturing takes place in Denmark. Assembly and installation all takes place at our own factory. Our ownership is Danish.



FOCUSING ON QUALITY AND DEVELOPMENT

The high-technological production quality of our products is obvious. We use optical fibre lasers, bending machines and welding robots. We do our own CNC processing and powder coating. We use a special two powder coat paint treatment, which has the C4 class corrosion certification. We buy quality components from Danish subcontractors, including Danfoss, SKF and Linak.



3-YEAR WARRANTY

With a full 3-year warranty, we can fully vouch for the quality of our machines. Our TP WARRANTY covers all of the components, including engine, hydraulic components, gears etc. The only thing that is not covered by the warranty is painting and standard wearing parts such as knives.



**Particularly useful
in confined spaces**

TP 100 MOBILE

EFFICIENT GREEN CLEANER

TP 100 MOBILE is ideal for thinning out bushes and chipping branches and trees up to 100 mm in diameter in gardens, municipalities, cemeteries, housing societies, etc.

Owing to the vertical in-feed funnel, the TP 100 MOBILE is a compact machine that does not take up much space. Width is only 74 cm.

The construction also results in a strong in-feed without the use of feed rollers.

FEATURES

- Robust drum woodchipper
- Funnel 55° from level
- Two reversible blades and one reversible countersteel
- E-Start
- Petrol engine
 - Honda 20 L tank capacity
 - B&S Vanguard 8 L tank capacity
- Hydraulic mover (optional)



100 mm



18/20 HP



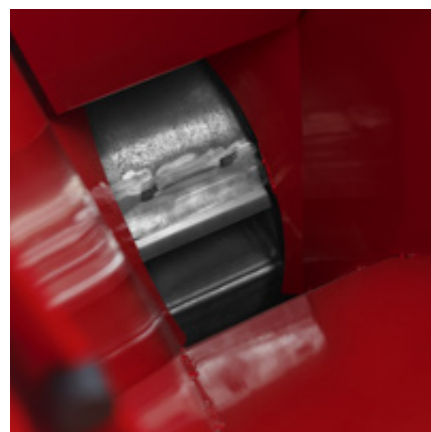
8-20 mm



314 kg



Foot brake stabilization



2 reversible knives. 1 reversible counter knife in wear-resistant steel



Width: 74 cm. Weight: 314 kg



2-cylinder air-cooled HONDA petrol engine with electronic ignition or B&S Vanguard engine

Direct start functionality for instant power



TP 166 MOBILE P

A SMALL CHIPPER FOR BIG JOBS

The TP 166 Mobile (Petrol) with its Honda engine is effective for chipping logs up to 176 mm in diameter, just like our 176 range. We developed the TP 166 Mobile with focus on the power, user-friendliness and flexibility that is needed by customers such as landscape gardeners and rental companies.

The TP 166 Mobile features an integrated petrol tank, while also being safe and easy to operate and service. Equipped with TP Easy Control and Pilot+. The weight of just 680 kg makes it easy to manoeuvre.



176 mm



22 HP



10-20 mm



680 kg



Direct start



Honda petrol engine

FEATURES

- TP Pilot+ controls for zero-stress, while still providing information functions
- Steel TP Easy Control for a long service life
- Auto-reverse
- Integrated 20L or 35 L fuel tank
- 3-YEAR WARRANTY
- 176x191 mm roller aperture
- Variospout or fixed ejector spout
- TP Easy Service (3 minutes, 2 knives with just 1 tool)

Best in Class sub 750 kg



TP 176 MOBILE D

"SIX PACK" DIESEL POWER

The TP 176 Mobile diesel is the only 7" sub 750 kg on the market to chip log diameter up to 176 mm. High capacity combined with low weight make the wood chipper ideal for various jobs.

The rotor consists of 2 long blades with a blade opening of 20 mm. The rotor runs at 1250 revolutions and thus we have the market's fastest and strongest cutting ability.

The TP PILOT+ no stress control upgrade and TP EASY CONTROL reverse function make your working day even more efficient. TP VARIO SPOUT, a manually height-adjustable ejector spout with five operating positions adds flexibility during the job, transportation and storing.



TP PILOT+ with TP Starter – Automatic clutch system coupling/uncoupling belts



Mechanical clutch and gas



220° turntable is optional (increases weight by 80 kg)



176 mm



24 HP



10-20 mm



749 kg

FEATURES

- Two aggressive in-feed rollers (variable speed)
- Roller opening 176x191 mm (7") / Wide funnel 920 mm
- Exhaust fumes through spout
- Fixed spout standard – Vario spout (option)
- TP Easy Control – reverse function
- TP Pilot+ with Range Control and Auto Reserve
- Sub 750 kg without turntable
- Turntable as an option (+80 kg)
- TP Starter – automatic clutch system or mechanical clutch and gas
- Easy-Service (1 tool, 2 knives, 3 minutes)



TP Easy Control with
Reset – Reverse – Go Function



High torque 3 or 4 cyl. Kubota



TP 176 MOBILE P

PETROL POWER – GREENER EMISSION

Petrol variant of the TP 176 Mobile 7" family that all offers the operator the optimum and efficient working and daily service conditions.

The rotor consists of 2 long blades with a blade opening of 20 mm. The rotor runs at 1250 revolutions and thus we have the market's fastest and strongest cutting ability.

The ideal tool for e.g. landscape gardeners and arborists.

High Performance High Quality



176 mm



38 HP



10-20 mm



720 kg

FEATURES

- Two aggressive in-feed rollers (variable speed)
- Roller opening 176x191 mm (7") / Wide funnel 920 mm
- Fixed spout standard – Vario spout option
- TP Easy Control – reverse function
- TP Pilot+ with Range Control and Auto Reserve
- Sub 750 kg
- TP Starter – automatic clutch system or mechanical clutch and gas
- Easy-Service (1 tool – 2 knives – 3 minutes)



Easy Service



Two knives are constantly in contact with the material



Powerful Kohler EFI engine with 38 HP

TP 176 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 176 ZE is minimal. The 65 Volt electric motor provides 14 kW.

The 13-21 kWh capacity of the Lithium-ion battery pack. Power supply: 230 Volts

CO₂ COMPARISON

	TP 176 MOBILE ZE	TP 176 MOBILE P	TP 176 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)



176 mm



14 kW



10-20 mm



<750 kg*

FEATURES

- Up to 5 hours (mixed material)
- Less noise, no fumes
- Charging from 10% - 100% ~ 6-9 hours (230V-16A)
- Low daily maintenance / costs
- Two aggressive in-feed rollers (variable speed)
- Roller opening 176x191mm (7") / Wide funnel 920 mm
- TP Pilot+ with Range Control and Auto Reserve
- Easy-Service (1 tool, 2 knives, 3 minutes)
- PMAC motor (14 kW)
- Weight for 13-17 kWh: <750kg*
Weight for 21 kWh: 792kg
- Charging during work is possible
- Sub 750 kg without turntable
Turntable as an option (+80 kg)
- 3, 4 or 5 batteries

ZE



Integrated charger: 230V 16A 65V and cable



Turntable is available as an option



3 batteries

4 batteries

5 batteries

Lithium battery (Li-ion, 65VDC, NMC)



**Zero emission for
greener work**



TP 176 TRACK ZE

**100% ELECTRIC – NO FUMES
– LESS NOISE**

The track is operated with a user-friendly remote control or the manual control panel and platform where both speed and track width can be controlled.

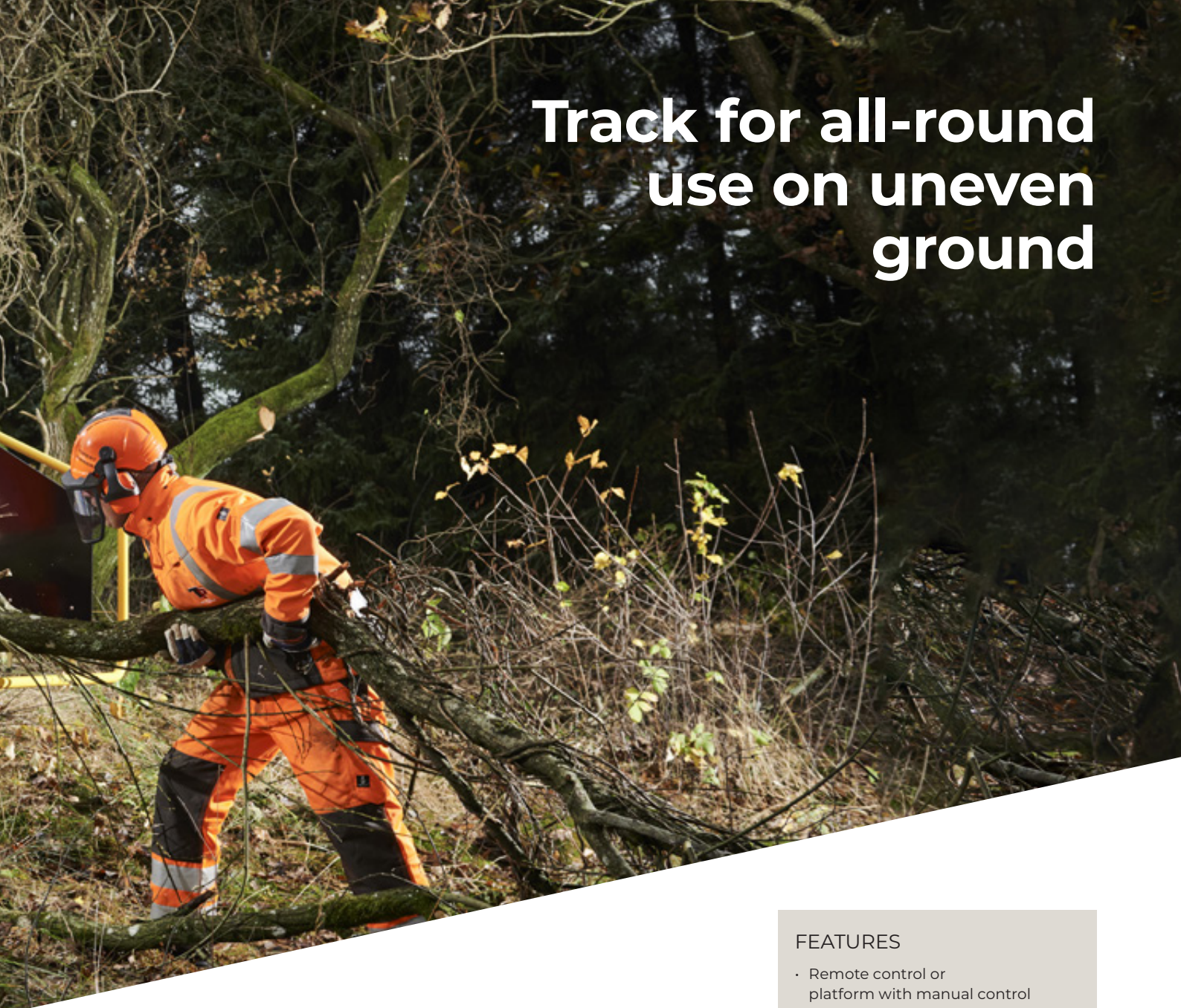
Only 7" and 100% Zero emission disc chipper on the market. The environmental footprint of the TP 176 TRACK ZE is minimal. The 65 Volt electric PMAC motor delivers 14 kW.

The 21 kWh lithium battery. Power supply: 230 Volt.



Manual control panel and platform
with 20 kg safety switch as an option

Track for all-round use on uneven ground



FEATURES

- Remote control or platform with manual control
- Variable belt width
- Two gear speed (belts)
- Less noise, no fumes
- Two aggressive in-feed rollers (variable speed)
- Roller opening 176x191 mm (7") / Wide funnel 920 mm
- TP Pilot+ with Range control and Auto Reserve
- Electrical winch 2,722 kg (option)
- Trailer hitch 2,000 kg (option)
- PMAC motor (14 kW)
- Up to 5 hours (mixed material)
- Charging from 10% - 100% ~ 9 hours (230V-16A)
- Charging during work
- Low daily maintenance / costs
- Easy-Service (1 tool, 2 knives, 3 minutes)



Safety and comfort with remote control panel



21 kWh Lithium battery (Li-ion, 65VDC, NMC)



176 mm



14 kW



10-20 mm



1150 kg



TP 176 TRACK

SIX PACK DIESEL POWER

TP 176 TRACK (7") comes with a manual control panel and platform or a Danfoss remote control for operator safety and gas handle for high-speed tracking.

Designed for jobs where you cannot bring your car and a wheeled wood-chipper.

The track is operated with a user-friendly control panel, from which both speed and track width can be controlled.

Electric winch for climbing steep grounds and tow bar for bringing your trailer to the material are options that will make your green work easier.

FEATURES

- Variable belt width
- Two gear speed (belts)
- Danfoss remote control or platform and manual control panel
- Electric winch of 2,722 kg (option)
- Trailer hitch 2,000 kg (option)
- Exhaust fumes through spout
- Best ground clearance on the market 200 mm / belts move in/out
- Roller opening 176x191mm (7") Wide funnel 920 mm
- TP Pilot+ with Range control and Auto Reserve
- TP Easy-Service (1 tool – 2 knives – 3 minutes)



176 mm



24 HP



10-20 mm



1150 kg



Manual control and platform with safety switch.



Comfort with remote control



High torque Kubota engine



TP winch for climbing steep grounds. Best Ground clearance on market: 200 mm Track width: 1150-1300 mm. Reinforced hose protection.



Techsheet

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!



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.



HOMOLOGATION/APPROVALS

The hot-dip galvanized trailer and chassis are supplied from ALKO/KNOTT. 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)

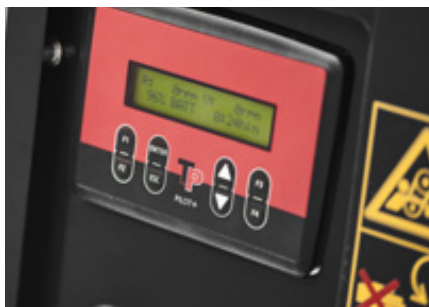
FEATURES FOR TP 166 - TP 176



GENERAL FEATURES

TP 166/176 WHEELED AND TRACKED VARIANTS

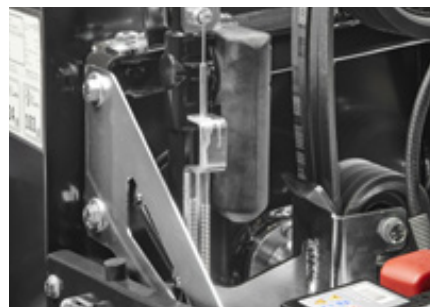
- Stage V Compliant
- EC vehicle Type-approval Certificate
- Overrun braked trailer (hot-dip-galvanized) from AL-KO
- High capacity (up to 12-15 m³/hour)
- Safety first – TP-E-Stop



TP PILOT+

PROBLEM-FREE OPERATION (NEW GENERATION)

- No stress control
- TP Auto Reverse function
- Rotor rotations and working hour control function
- Range Control (TP 176 Mobil diesel og ZE)



TP STARTER™

PROLONGS ENGINE LIFE-TIME

- Automatic clutch system coupling/uncoupling belts
- Easy machine start-up/shut-down
- TP Mechanical Starter as an alternative (TP 166 Mobile is only supplied with direct start)

TP 166, TP 176 Diesel, Benzin and Track.



ROTARY DISC

MORE WOOD CHIPS. LESS FUEL.

- The rotor is made of 2 long blades with a opening of 20 mm
- Optimized and low fuel consumption
- Fewer working hours per m³ of wood chips produced.



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 176 cm)



STRONG ROLLERS

INFEED ROLLERS MADE OF HARDOX STEEL

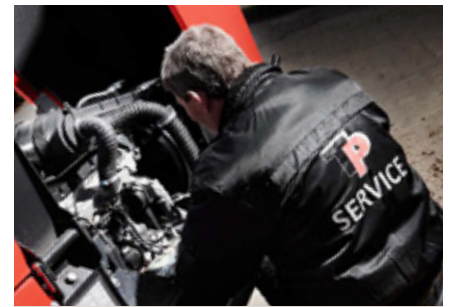
- Two infeed rollers
- Roller opening: 176x191 mm (horizontal)
- Hydraulic adjustable infeed speed (chipsize 10-20 mm)
- One strong spring



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



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

TP 176 Mobile and Track Diesel.



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 166 MOBILE	TP 176 MOBILE D
Max. wood diameter	100 mm	176 mm	176 mm
Roller opening	150 x 275 mm	176 x 191 mm	176 x 191 mm
Engine make	HONDA B & S Vanguard	HONDA	Kubota D1305/E4B Kubota D1505/E4B
Engine power HP/kW	20 HP / 14 kW	22 HP / 16,5 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	12 m ³	15 m ³
Woodchip size	8-20 mm	10-20 mm	10-20 mm
Adjustable woodchip size	No	Yes	Yes
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	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
Other versions			Turntable

*Requires a fitted TP CHIP KIT (optional).

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



TP 176 MOBILE P	TP 176 MOBILE ZE	TP 176 TRACK ZE / DIESEL MANUAL CONTROL		TP 176 TRACK ZE / DIESEL REMOTE CONTROL	
176 mm	176 mm	176 mm		176 mm	
176 x 191 mm	176 x 191 mm	176 x 191 mm		176 x 191 mm	
Kohler EFI 980	PMAC with LI-ION Battery	PMAC with LI-ION Battery	Kubota D1305-E4B	PMAC with LI-ION Battery	Kubota D1305-E4B
38 HP / 27 kW	19 HP / 14 kW	19 HP / 14 kW	24 HP / 18.5 kW	19 HP / 14 kW	24 HP / 18.5 kW
2	-	-	3	-	3
79 Nm	-	-	80 Nm	-	80 Nm
TP STARTER / TP PILOT+	TP PILOT+	TP PILOT+	TP STARTER / TP PILOT+	TP PILOT+	TP STARTER / TP PILOT+
Petrol	Battery	Battery	Diesel	Battery	Diesel
20 litres	13/17/21 kWh	21 kWh	20 litres	21 kWh	20 litres
6 l/h	-	-	3 l/h	-	3 l/h
15 m ³	15 m ³	15 m ³	15 m ³	15 m ³	15 m ³
10-20 mm	10-20 mm	10-20 mm		10-20 mm	
Yes	Yes	Yes		Yes	
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	
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	742 mm		742 mm	
920 mm	920 mm	920 mm		920 mm	
Optional	Optional	Optional		Optional	
721 kg	<750 kg - 792 kg	1200 kg		1150 kg	
	Turntable				

*Requires a fitted TP CHIP KIT (optional).

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



LINDDANA A/S

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TELEPHONE AND OPENING HOURS (CET)

Monday - Thursday	08:00 - 16:00
Friday	08:00 - 15:30

SPARE PARTS

Monday - Thursday	08:00 - 15:00
Friday	08:00 - 13:00

WOOD CHIPPERS SINCE 1980

Linddana has designed, manufactured and marketed TP Wood Chippers since 1980. Today, this Danish company is one of the world leaders in its field. Linddana supplies a strong selection of functional and reliable wood chippers for landscaping and biomass production.

TECHNOLOGY AND PEOPLE

Linddana's strong international position is founded on extensive technical expertise and a commitment to high quality, both in the selection of materials and in manufacturing processes. By combining skilled workmanship and using the latest manufacturing technology, we maintain the highest quality standards.

All specification in the brochure are subject to printing and typing errors. We reserve the right to change designs and technical specification. Contact reseller to get the latest updated specification or visit www.tpchipper.com

Dealer

