

VANDAELE®



TV180 WOOD CHIPPER

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TVI 80 WOOD CHIPPER



Standard tractor driven 3-point hitch unit



Diesel engine driven version with road trailer

Middle class size model for professional users. For chipping of twigs, branches & stems of any type of wood with maximum diameter of 180mm / 7.5".

Different models / versions available.

The TVI 80 is unique in its kind because :

- SIMPLE MAINTENANCE
- NO SHARPENING OF THE KNIVES REQUIRED!
- MEETS ALL CE SAFETY REGULATIONS
- OPTIMUM SAFETY
- SAFETY BAR SURROUNDING THE INFEED FUNNEL
(VANDAELE® patent n° 2003/0590)

Features and benefits of the Vandaele wood chippers:

- Standard equipped with TUNGSTEN-CARBIDE knives and counter knives in sections.
- Sections are easily replaceable
- Renders sharpening and adjusting of the knives superfluous,
- Extreme long life span,
- Noise reduced knife disc, integrated in a wear resistant housing,
- Direct power linkages, no belts or chain drives,
- Robust construction, years of experience incorporated,
- Very big capacity.

Very aggressive infeed system due to two infeed rolls, each one equipped with its own hydraulic motor. The upper infeed roll has a studded pattern, offering strong and aggressive grip on the material.





Hydraulic driven version for tool carriers.



TV180 P ; Tractor driven with wheel undercarriage (optional)

Technical specifications:

TV180 ; Basic machine:

- Knife disc ø 800 mm, equipped with 2 knives in CARBIDED TUNGSTEN,
- Counter knife in CARBIDE TUNGSTEN,
- 2 hydraulically driven infeed rolls with built in pump group, with stop and reverse coupling and chip size regulation from 1 to 25 mm,
- High ejector chute with adjustable flap: 2.5 m high, 300° revolving (EN 13525), on ball bearing,
- Round wood diameter max: 180 mm / 7.5"
- Infeed opening between the rolls: 260 mm x 180 mm / 10" x 7.5",
- Noise reducing coating,
- Centralized greasing of the lower infeed roll.

TV180 P ; tractor driven:

Standard:

- PTO driven: 1000 RPM
- 3 point linkage cat I or II
- Equipped with PTO-shaft with freewheel
- Minimum required tractor HP = 40.

Optional:

- 540 RPM reduction gearbox,
- Antistress-system,
- 3-point machine on turn table 270°,
- 3-point machine 2x90° turn able,
- Hydraulic powered versions,
- Wheeled undercarriage, slow transportation,
- Transparent flaps in the funnel for additional safety.

TV180 D ; diesel engine driven:

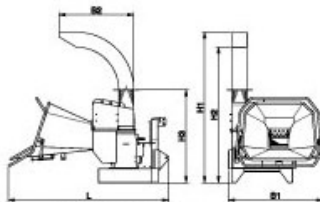
Standaard:

Standard:

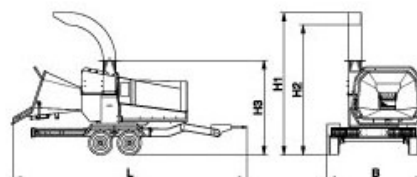
- Incorporated diesel engine HATZ SILENT PACK, 3L41C, 3 cil. silenced, 38.6 kW, 52 HP, with automatic fluid-coupling and reduction gear box, direct transmission of the chipper disc by means of flexible coupling (no belts),
- Battery 12 Volt, battery-key, hour meter, fuel gauge, dashboard in closed box,
- Machine mounted on high speed trailer, double axle, height adjustable drawbar with DIN eye ø40 or ball hitch, mud guards and lights,
- Machine revolving over 360°,
- Anti-stress system Classic.

Optional:

- Extra noise reduction kit,
- Foldable ejector chute with support,
- Manual winch to lower the ejector chute,
- Antistress system ADVANCED,
- Other RAL colour instead of RAL 2011 & 7011,
- Transparent flaps in the funnel for additional safety.



B1: 1400mm
B2: 1300mm
H1: 2480mm
H2: 2280mm
H3: 1910mm
L: 2300mm



B : 1950mm
H1: 2850mm
H2: 2650mm
H3: 2120mm
L : 4740mm
1750kg



TV180 D ; Comes standard on a road trailer with tandem axle, 360° turning.



TV180 P ; Tractor driven, 2 x 90° turn able (optional)



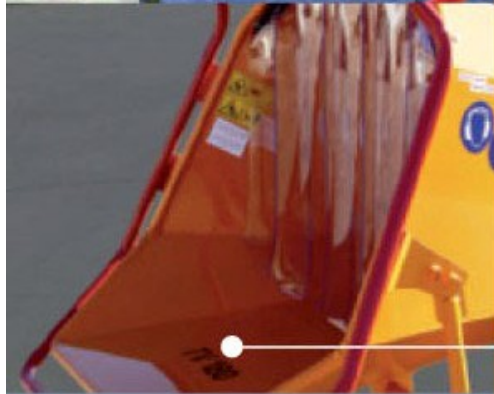
TV180 P ; Tractor driven 270° turn able (optional)



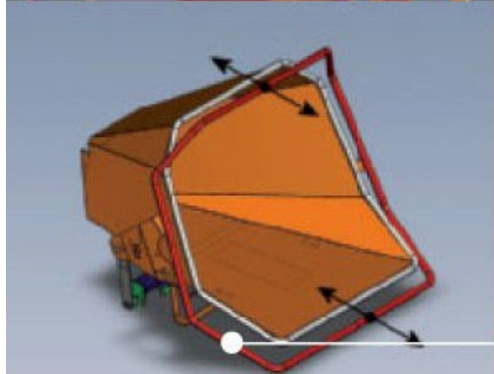
High quality, combined with optimum performance and productivity.



Foldable ejector chute with manual winch (optional)



Transparent flaps in the infeed funnel (optional)



Optimum operator safety system: safety bar wrapped around the entire infeed funnel (VANDAELE® patent)



The Vandaele® products have been developed and produced in accordance with the ISO 9001 : 2000 quality management system.