

# **VANDAELE®**



## **TV27-40 WOOD CHIPPER**

# VANDAELE®

## TV27-40 WOOD CHIPPER



Tractor version on a standard 3-point hitch



Special crane feed funnel with steel chain infeed belt system (optional).

The most versatile model in the Vandaele chipper range. This model is available in several versions. Such as: standard hand feed machine, diesel engine driven, specially adapted units for forestry applications with funnel for crane feeding, machine with rubber infeed belt system for recycling park applications, etc. . .

For chipping of twigs, branches & stems of any type of wood with maximum diameter of 270mm / 12".

The TV27-40 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.

The very wide infeed opening, combined with aggressive feed rolls, guarantees an optimum infeed capacity. Insatiable, high productive and versatile chipper for treatment of large wood volumes.





Diesel engine driven, on high speed trailer – standard machine with 70 HP Hatz engine.



Diesel engine driven, on high speed trailer – heavy duty version with 135 HP Deutz engine.

## Technical specifications:

### TV27-40 ;

#### Basic machine:

- Chipper disc ø 1000 mm, equipped with 3 knives in CARBIDE TUNGSTEN,
- Counter knife in CARBIDE TUNGSTEN,
- Centralised greasing of the lower infeed roll,
- 2 hydraulically driven infeed rolls with built in pump group, stop – reverse coupling and chip size regulation from 1 to 25 mm,
- High ejector chute with adjustable flap: 3 m high, 300° revolving (EN 13525), on ball bearing,
- Round wood diameter max: 270 mm / 12",
- Infeed opening between the rolls: 400 mm x 270 mm / 16" x 12",
- Noise reducing coating

### TV27-40 P ;

#### tractor driven:

Standard:

- PTO driven: 1000 RPM
- PTO axle diameter on the main axle: 1" 3/4
- Number of revolutions of the disc: 1000 RPM
- Equipped with PTO-shaft with free wheel W2500
- 3-point linkage cat II and III
- Minimum required tractor horsepower = 90 HP.

Optional:

- Antistress system,
- Funnel for crane feeding with longer 3-point and steel conveyor belt,
- Radio controlled or cable controlled machine operation,
- Unit mounted on a slow speed trailer,
- Transparent flaps in the funnel (extra safety).

### TV27-40 D ;

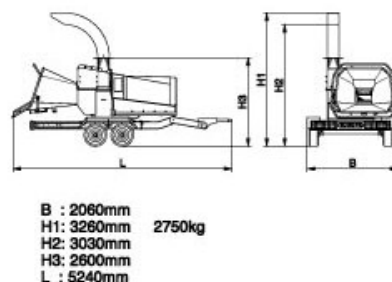
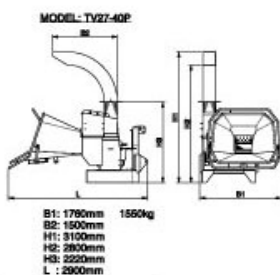
#### diesel engine driven:

Standard:

- Number of revolutions of the disc : 1000 rpm
- Built in diesel engine HATZ SILENT PACK, 4L41C, 4 cyl., noise reduced, 51,4 kW, 70 HP, with automatic fluid coupling and reduction gearbox, direct drive of the knife disc trough flexible coupling (no belts),
- Battery 12 V, battery switch, hour meter, fuel gauge, dashboard in closed box,
- Machine mounted on a high speed trailer, double axle, height adjustable drawbar with DIN eye ø40 mm or ball hitch, mudguards and lights,
- Machine mounted on turn table, revolving 360°,
- Anti-Stress system Classic.

Optional:

- Funnel with rubber conveyor belt,
- Extra noise dampening kit,
- Foldable ejector chute with support,
- Manual winch to lower ejector chute,
- Antistress system **ADVANCED**,
- Different RAL colour instead of RAL 2011 & 7011,
- Transparent flaps in the funnel (extra safety).



Option crane funnel – infeed via separate crane.



Option crane funnel – infeed via middle mounted crane.



Option crane funnel – version with extra long feed table and chain.



Option crane funnel – version with extra long feed table and on slow speed trailer:

