

VANDAELE[®]

Wood chippers
Power take-off (PTO)



TVP FORESTRY

Vandaele® is a Belgian brand with deep roots dating back to 1966, founded by the Vandaele Brothers. Our history is steeped in a long tradition of machines for maintenance of green spaces and roadsides.

In 1992, an important step was taken by splitting the company due to a too large diversity of activities. This decision gave rise to 'Vandaele Konstruktie,' an independent company with a focus on the Vandaele® brand, the construction of machines for green, forest and roadside maintenance.

- » **Experience:** we have 40 years of experience in the production and sale of wood chippers. We have been committed to developing and producing high-quality machines since 1966.
- » **A strong brand with proven value:** Vandaele® is a premium brand known for its high residual value. Our machines are designed to last and retain their value, making a solid investment for your business.
- » **Craftsmanship:** Vandaele® is a Belgian manufacturer with a long history of machines for green spaces and roadside maintenance machines. Our craftsmanship is deeply rooted in our culture, and we are proud of the label "Made in Belgium." If you choose Vandaele®, you choose quality and reliability.
- » **Location:** With our presence in both Oostrozebeke and Ciney, including offices, a production department, service and repair workshops, and warehouses, we are strategically positioned to serve our global customers. Our international reach ensures swift parts delivery and efficient service, enabling seamless operations worldwide
- » **Customized constructions:** at Vandaele® we not only offer standard machines, but also custom-made constructions. We understand that your needs may be unique. Our team of experts work closely with you to create custom solutions that meet your specific requirements.
- » **Quality and certification:** We meet the highest quality standards, which is underlined by our ISO certification. In addition, we have European homologation for our trailers (COC).

**VANDAELE® OOSTROZEBEKE**

Stationsstraat 119
8780 Oostrozebeke

VANDAELE® CINEY

Zone industrielle
Rue du Fisine 11
5590 Ciney



The Vandaele wood chippers are unique because:



EASY MAINTENANCE



THE KNIVES DO NOT NEED TO BE SHARPENED!



COMPLIES WITH ALL CE SAFETY REGULATIONS



OPTIMAL SAFETY



SAFETY BAR AROUND THE FEED FUNNEL (VANDAELE® patented)

Features and benefits from the Vandaele wood chippers:

- » Our wood chippers come standard with TUNGSTEN-CARBIDE knives and counter knives divided into sections. This means that sharpening and adjusting the knives are unnecessary, ensuring an extremely long lifespan for our knives. Additionally, the sections of the knives are easy to replace when needed.
- » Sound-damped top cover integrated with a wear-resistant housing.
- » Direct power transmission, without belts or chain drives.
- » Robust construction, incorporating years of experience.
- » Very large capacity



TUNGSTEN-CARBIDE



FEATURES

FEATURES Base machine; approximate dimensions; non-binding	FORESTRY		
	<i>TV2532P</i>	<i>TV2740P</i>	<i>TV3142P</i>
Maximum diameter of the wood (cm)	25 (10")	27 (10,5")	31 (12")
Infeed opening (H x W) (mm)	250 x 320	270 x 400	310 x 420
Diameter chipper disk (mm)	1000	1000	1250
Thickness of the chipper disk (mm)	35	35	35
Number of knives	2	2	2
Total number of knife sections	24 (3 x 8)	24 (3 x 8)	20 (2 x 10)
Total number of counter knife sections	10	11	8
Infeed rolls	2 – Horizontal	2 – Horizontal	2 – Horizontal
Hydraulic oil tank capacity (litres)	15	15	87
Required driving power (kW/hp)	70/90	75/100	117,5/160
Height ejector pipe (cm)	300	300	360
Weight basic machine (kg)	1350	1550	3500
Measurements funnel (D x W x H) (cm)	195 x 125 x 90	195 x 125 x 90	170 x 125 x 100
Measurements machine (L x W x H) (cm) fix funnel	305 x 175 x 300	310 x 175 x 300	321 x 182 x 381
Measurements of the machine (L x W x H) (cm) closed foldable funnel	230 x 175 x 300	235 x 175 x 300	----

D = DEPTH: DISTANCE FROM THE PINCH POINT BETWEEN THE ROLLERS TO THE OUTER POINT OF THE HANDLE

L = LENGTH TOTAL MACHINE

W = WIDTH TOTAL MACHINE/FUNNEL

H = HEIGHT TOTAL MACHINE/FUNNEL

TVP FEATURES:



TV2532P



ALSO AVAILABLE
WITH FOLDABLE
FUNNEL



MAX Ø DIAMETER
250 mm (10")



WEIGHT
1.450 KG



WOODCHIP SIZE
1 - 25 mm



INFEEED ROLLS
Horizontal



POWER
90 HP



ROTATABLE
Option



FRONT MOUNTED
Option



RPM
1000 RPM

TV2532P Machine with hydraulically driven feed rollers via built-in pump group

TV2532PT Machine rotatable over 2 x 90° with heavy-duty gearbox (no belts) - only at 1000 RPM



TV2532P

Description:

- » 2 hydraulically driven feed rollers with reverse coupling, chip length adjustment from 1 to 25 mm, feed rollers driven by a built-in pump group
- » Anti-Stress system Secure Plus: incl.
- » Centralized lubrication of the lower feed roller and the cutting disc
- » Cutting disc ø 1000 mm, equipped with 2 sets of tungsten carbide knives
- » Counter knives in tungsten carbide
- » Document holder, manual with CE certificate, and spare parts list
- » Discharge chute 3 m high, 300° rotatable (EN13525) on ball bearing turntable
- » Electric upper cover locking: 2 emergency stop buttons and 2 Top-Stop devices
- » Ergonomic hopper
- » Power take-off with freewheel
- » Feed opening between the feed rollers: 320 mm x 250 mm
- » Overpressure protection of the hydraulic circuit
- » Power take-off drive: 1000 RPM (540 RPM optional)
- » PUSH control handle with protection against accidental activation
- » Sound-damping coating
- » Transparent flaps in the hopper
- » 3-point linkage, Cat II and III



Options:

- » Foldable discharge chute + locking + gas spring support
- » Foldable feed hopper
- » 540 RPM gearbox 1"3/8
- » Hour counter
- » Protected light bar, on the hopper (3-point)
- » Extended discharge chute (+1m) on ball bearing
- » Lowered discharge chute
- » Customized color: different RAL color instead of RAL 2011 or RAL 7011
- » Heavy-duty PTO 1" 3/4" W2500 (only at 1000 RPM and fixed machine on Tv2532P)
- » Chassis for slow transport (unbraked) with fixed drawbar and jockey wheel, for slow transport (25 km/h), fenders, traffic lights, ball hitch or DIN eye
- » Detachable calibration screen in the discharge chute for more uniform chips. Factory-installed

TV2740P

Description:

- » 2 hydraulically driven feed rollers with reverse coupling, chip length adjustment from 1 to 25 mm, feed rollers driven by a built-in pump group
- » Anti-Stress system Secure Plus: incl.
- » Centralized lubrication of the lower feed roller and the cutting disc
- » Cutting disc ø 1000 mm, equipped with 2 sets of tungsten carbide knives
- » Counter knives in tungsten carbide
- » Document holder, manual with CE certificate, and spare parts list
- » Discharge chute 3 m high, 300° rotatable (EN13525) on ball bearing
- » Electric upper cover locking: 2 emergency stop buttons and 2 Top-Stop devices
- » Ergonomic hopper
- » Power take-off with freewheel W2500
- » Feed opening between the feed rollers: 400 mm x 270 mm
- » Overpressure protection of the hydraulic circuit
- » PTO end on the main shaft 1" $\frac{3}{4}$ - 6
- » Power take-off drive: 1000 RPM
- » PUSH control handle with protection against accidental activation
- » Sound-damping coating
- » 3-point linkage, Cat II and III
- » Transparent flaps in the hopper



Options:

- » Anti-Stress system Secure Ultra with Dual Control incl. 5" touchscreen (push-bar + remote control). R/C remote control of the feed rollers: Infeed - Stop - Reverse - Emergency stop
- » Anti-Stress system Secure Ultra: incl. 5" touch screen, 360° light tower, hour counter, and overpressure protection of the hydraulic circuit
- » Detachable calibration screen in the discharge chute for more uniform chips. Factory-installed
- » Foldable discharge chute + locking + gas spring support
- » Hour counter
- » Standard hopper model with 4 mm and 6 mm thick sheet steel, with Push control handle with protection against accidental activation
- » Protected light bar, on the hopper (3-point)
- » Extended discharge chute (+1m) on ball bearing
- » Lowered discharge chute
- » Customized color: different RAL color instead of RAL 2011 or RAL 7011
- » Suspended trailer (unbraked) with fixed drawbar and jockey wheel, for slow transport (25 km/h), fenders, traffic lights, ball hitch or DIN eye

TV2740P



ALSO AVAILABLE
WITH FOLDABLE
FUNNEL



MAX Ø DIAMETER
270 mm (10,5")



WEIGHT
1.600 KG



WOODCHIP SIZE
1 - 25 mm



INFEEED ROLLS
Horizontal



POWER
100 HP



ROTATABLE
Option



FRONT MOUNTED
Option



RPM
1000 RPM



TV2740P Machine with hydraulically driven feed rollers via built-in pump group


TV2740PTN Machine rotatable over 2 × 90° with heavy-duty gearbox (no belts) – only at 1000 RPM

TV3142P



 **MAX Ø DIAMETER**
310 mm (12")

 **WEIGHT**
3.500 KG

 **WOODCHIP SIZE**
1 - 25 mm

 **INFEED ROLLS**
Horizontal

 **POWER**
160 HP

 **ROTATABLE**
Not available

 **FRONT MOUNTED**
Not available

 **RPM**
1000 RPM

TV3142P Complete base machine



TV3142P

Description:


- » Anti-Stress system Secure Plus: incl.
- » Centralized lubrication of the lower feed roller and the cutting disc
- » Cutting disc ø 1250 mm, 35 mm thick, equipped with 2 sets of tungsten carbide knives
- » Counter knives in tungsten carbide
- » Classic monocoque hopper with Push control handle and automatic reset to the 0-position
- » Document holder, manual with CE certificate, and spare parts list
- » Discharge chute 3.60 m high, 300° rotatable (EN13525) on heavy-duty ball bearing turntable.
- » Hydraulically adjustable spreading flap (powered by a second pump with a distribution block on the machine)
- » Electric upper cover locking: 2 emergency stop buttons and 2 Top-Stop devices
- » Power take-off with freewheel
- » Hour counter
- » Feed opening between the feed rollers: 420 mm x 310 mm
- » HEAVY-DUTY hydraulic drive via built-in pump group for the feed rollers, with reverse couplings, chip length adjustment from 1 to 25 mm
- » Protected light bar
- » Oil cooler on 12V
- » Overpressure protection of the hydraulic circuit
- » PTO diameter on the main shaft: 1" $\frac{3}{4}$ – 6
- » Power take-off drive: 1000 RPM
- » PUSH control handle with protection against accidental activation
- » Sound-damping coating
- » 3-point linkage, Cat III
- » Transparent flaps in the hopper



Options:

- » Anti-Stress system Secure Ultra: incl. 5" touch screen; 360° light tower, hour counter, and overpressure protection of the hydraulic system
- » Anti-Stress system Secure Ultra: incl. 5" touch screen; 360° light tower, hour counter, and overpressure protection of the hydraulic system (push control handle + remote control) R/C remote control of the feed rollers: infeed – stop – reverse – emergency stop
- » Detachable calibration screen in the discharge chute for more uniform chips. Factory-installed
- » Detachable calibration screen in the discharge chute for more uniform chips. Factory-installed
- » Customized color: different RAL color instead of RAL 2011 or RAL 7011

TVP FEATURES & OPTIONS

MODEL	FORESTRY		
	TV2532P	TV2740P	TV3142P
Max. wood diameter	250 mm (10")	270 mm (10.5")	310 mm (12")
Infeed opening mm	250 x 320 mm	270 x 400 mm	310 x 420 mm
Power requirement HP	75 HP	90 HP	150 HP
Weight approx.	1450 kg	1600 kg	3150 kg
Power take-off (PTO) speed	1000 RPM	1000 RPM	1000 RPM
Free-wheeling power take-off (PTO)	S	S	S
Heavy-duty power take-off (PTO)	O	S	S
540 RPM gearbox	O	O	NA
Hydraulic machine drive	NA	NA	NA
3-point suspension	Cat II en III	Cat II en III	Cat III
270° Rotatable machine	NA	NA	NA
Machine rotatable over 2 x 90° (left, middle, right)	O	O	NA
Machine on slow transport chassis 	O	O	NA
Centralised lubrication	S	S	S
Chip length	1 - 25 mm	1 - 25 mm	1 - 25 mm
Anti-Stress system	S	S	S
Infeed rolls	2	2	2
Position of Infeed rolls	Horizontal	Horizontal	Horizontal
Studded upper infeed roll	S	S	S
Drive Infeed rolls via built-in pump group	S	S	S

S - STANDARD





B - AVAILABLE

O - OPTION

OD - ON DEMAND

NA - NOT AVAILABLE

TVP FEATURES & OPTIONS

MODEL	FORESTRY		
	TV2532P	TV2740P	TV3142P
Overpressure protection hydraulic infeed rolls	S	S	S
Infeed rolls powered by tractor hydraulics	NA	NA	NA
Chipper type	disk	disk	disk
Chipper disk diameter	ø 1.000 mm	ø 1.000 mm	ø 1.000 mm
Number of cutting blade sections (tungsten carbide)	2 x 8	2 x 8	2 x 10
Number of counter knife sections (tungsten carbide)	10	11	8 + 2
Sound-dampening coating	S	S	S
Height of discharge chute	3,00 m	3,00 m	3,00 m
Foldable discharge chute	O	O	S
Extended discharge chute 	O	O	NA
Lowered discharge chute	O	O	NA
Ergonomic monocoque funnel	S	S	S
Foldable infeed funnel 	A	A	NA
Infeed funnel for crane feed 	O	O	O
Protected light bar	O	O	O
Remote control 	O	O	O
(Detachable) calibration screen	O	O	O
Customized colors	O	O	O

S - STANDARD
B - AVAILABLE
O - OPTION
OD - ON DEMAND
NA - NOT AVAILABLE



VANDAELE

TV 25-32

65T



VANDAELE

TV 27-40

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VANDAELE[®]

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TvP series Forestry