

# VANDAELE<sup>®</sup>

*Wood chippers*  
*Power take-off (PTO)*



**TVP CRANE FEED**

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	CRANE FEED			
	<i>TV2740PGA</i>	<i>TV2740PGAC</i>	<i>TV3142PGA</i>	<i>TV4052PGAC</i>
Maximum diameter of the wood (cm)	27 (10,5")	27 (10,5")	31 (12")	40 (16")
Infeed opening (H x W) (mm)	270 x 400	270 x 400	310 x 420	400 x 520
Diameter chipper disk (mm)	1000	1000	1250	1360
Thickness of the chipper disk (mm)	35	35	35	40
Number of knives	2	2	2	2
Total number of knife sections	24 (3 x 8)	24 (3 x 8)	20 (2 x 10)	24 (2 x 12)
Total number of counter knife sections	11	11	8	18
Infeed rolls	2 – Horizontal	2 – Horizontal	2 – Horizontal	2 – Horizontal
Hydraulic oil tank capacity (litres)	15	15	87	115
Required driving power (kW/hp)	75/100	75/100	117,5/160	184/250
Height ejector pipe (cm)	300	300	360	370
Weight basic machine (kg)	1600	1740	3600	4600
Measurements funnel (D x W x H) (cm)	175 x 145 x 119	175 x 145 x 119	175 x 145 x 119	167 x 225 x 151
Machine dimensions (L x W x H) (cm)	320 x 165 x 305	320 x 165 x 305	324 x 182 x 381	340 x 225 x 395

**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**







# TV2740PGA(C)



**MAX THICKNESS ROUNDWOOD:**  
270 mm (10")



**MINIMUM REQUIRED TRACTOR POWER**  
100 HP

**TV2740PGA** Complete machine, with open hopper for crane feed. No feed belt/floor chain

**TV2740PGA(L)** Complete machine with open hopper for crane feed with steel floor chain, 1.70 m hopper depth. Customized hydraulic power + extended 3-point (machine not rotatable), dual pump, and oil cooler.

**TV2740PGA(LL)** Complete machine with open hopper for crane feed with extra-long steel floor chains (± 2.80 m). Customized hydraulic power + extended 3-point (machine not rotatable), dual pump, and oil cooler.

# TV2740PGA(C)

## Description:

- » 2 hydraulically driven feed rollers (and floor chains, if ordered) with reverse coupling, chip length adjustment from 1 to 25 mm. Feed rollers driven by a built-in pump group.
- » Anti-Stress System SECURE ULTRA with: hour meter, 4 emergency stop buttons, and 5" touch screen
- » Centralized lubrication of the lower feed roller and the cutting disc
- » Document holder, manual with CE certificate, and spare parts list
- » Electric upper cover locking
- » Power take-off with freewheel W2500
- » Extra inner curve for maximum discharge capacity
- » Overpressure protection of the hydraulic circuit
- » Hopper for crane Feed 1.70 m + extended 3-point (machine not rotatable!)
- » Discharge chute 3 m high, 300° rotatable (EN13525) on ball bearing.
- » 3-point linkage, Cat III
- » PTO end on the main shaft: 1" 3/4
- » Radio-controlled remote control of the feed rollers (and chain): Infeed – Stop – Reverse – Emergency stop
- » Sound-damping coating
- » Weight: approx. 1,650 kg (PGA); approx. 1,740 kg (PGAC); approx. 2,000 kg (PGAC-L)



## Options

- » Foldable discharge chute + locking + gas spring support
- » Customized color: different RAL color instead of RAL 2011 or RAL 7011
- » Detachable calibration screen in the discharge chute for more uniform chips. Factory-installed
- » Extended discharge chute (+1m) on ball bearing
- » Lowered discharge chute



# TV3142PGA

## Description:

- » Anti-Stress system Secure Ultra : 5" touch screen
- » Centralized lubrication of the lower feed roller and the cutting disc
- » Document holder, manual with CE certificate, and spare parts list
- » Hydraulically adjustable discharge chute: 3.60 m high, rotatable over 300° (EN13525) on heavy-duty ball bearings. With hydraulically adjustable spreading flap (powered by a second pump with a distribution block on the machine)
- » Electric upper cover locking
- » Power take-off with freewheel W260
- » Hour counter
- » HEAVY-DUTY hydraulic drive via built-in pump group for the feed rollers with reverse coupling and chip length adjustment from 1 to 25 mm.
- » Protected light bar
- » Oil cooler on 12V
- » Overpressure protection of the hydraulic circuit
- » PTO end on the main shaft: 1"  $\frac{3}{4}$  – 6
- » Power take-off drive: 1000 RPM
- » Radio-controlled remote control of the feed rollers: infeed – stop – reverse – emergency stop
- » Sound-damping coating
- » 3-point linkage, Cat III
- » Weight of the base machine: approx. 3.600 kg



## Options

- » Customized color: different RAL color instead of RAL 2011 or RAL 7011
- » Detachable calibration screen in the discharge chute for more uniform chips. Factory-installed





# TV3142PGA



**MAX THICKNESS ROUNDWOOD:**  
310 mm (12")



**MINIMUM REQUIRED TRACTOR POWER**  
160 HP



**TV3142PGA** Complete base machine

# TV4052P GIANT



**MAX THICKNESS ROUNDWOOD:**  
400 mm (16")



**MINIMUM REQUIRED TRACTOR POWER**  
250 HP

**TV4052PGAC GIANT:** Complete machine – Hopper with steel infeed belt





# TV4052P GIANT

## Description:

- » Anti-stress system secure ultra : 5" touch screen + hour counter
- » Centralized lubrication of the lower feed roller and the cutting disc
- » Document holder, manual with CE certificate, and spare parts list
- » Hydraulically adjustable discharge chute: 3.70 m high, rotatable over 360° on heavy-duty ball bearings. With electrically adjustable spreading flap (discharge chute fully adjustable via remote control)
- » The discharge chute can also be manually hydraulically folded up or down.
- » Electric upper cover locking
- » Power take-off with freewheel W2600
- » Hydraulic automatic shock absorber on the upper roller
- » Hydraulic drive with built-in heavy-duty pump group for the feed rollers and chain floor with reverse coupling and chip length adjustment from 0 to 25 mm
- » Protected built-in lighting
- » Machine + chassis made of super elastic steel
- » Oil cooler on 12V
- » Pressure monitoring of the hydraulic circuit
- » PTO speed: 1000 RPM; PTO end on the main shaft: 1" <sup>3</sup>/<sub>4</sub>
- » Radio-controlled remote control of the feed rollers: infeed – stop – reverse – emergency stop
- » Sound-damping coating
- » 3-point linkage, Cat III and IV
- » Protective cover above the cutting disc hydraulically opened and closed with a hand pump
- » Upper roller can be lifted via remote control (or via hand pump for service)
- » Weight of the standard machine: approx. 4,600 kg



## Options

- » Customized color: different RAL color instead of RAL 2011 or RAL 7011
- » Raised (+80 cm) and extended (+100 cm) discharge pipe
- » Detachable screen in the discharge channel for calibrated chips. Factory-installed.

# TVP FEATURES & OPTIONS

MODEL	CRANE FEED		
	<i>TV2740PGA</i>	<i>TV3142PGA</i>	<i>TV4052PGA</i>
Max. wood diameter	270 mm (11")	310 mm (12")	400 mm (16")
Infeed opening mm	270 x 400 mm	310 x 420 mm	400 x 520 mm
Power requirement HP	90 HP	150 HP	250 HP
Weight approx.	1650 kg	3600 kg	4600 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)	S	S	S
540 RPM gearbox	NA	NA	NA
Hydraulic machine drive	NA	NA	NA
3-point suspension	cat II and III	Cat III	cat III and IV
270° Rotatable machine	NA	NA	NA
Machine rotatable over 2 x 90° (left, middle, right)	NA	NA	NA
Machine on slow transport chassis	NA	NA	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	CRANE FEED		
	TV2740PGA	TV3142PGA	TV4052PGAC
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 1250 mm	ø 1.360 mm
Number of cutting blade sections (tungsten carbide)	2 x 8	20 (2 x 10)	24 (2 x 12)
Number of counter knife sections (tungsten carbide)	11	8 + 2	16 + 2
Sound-dampening coating	S	S	S
Height of discharge chute	3,00 m	3,60 m	3,70 m
Foldable discharge chute	O	S	S
Extended discharge chute	O	O	O
Lowered discharge chute	O	NA	NA
Ergonomic monocoque funnel	NA	NA	NA
Foldable infeed funnel	NA	NA	NA
Infeed funnel for crane feed	S	S	S
Protected light bar	S	S	S
Remote control 	S	S	S
(Detachable) calibration screen	O	O	O
Customized colors	O	O	O

S - STANDARD

B - AVAILABLE

O - OPTION

OD - ON DEMAND

NA - NOT AVAILABLE





**VANDAELE  
GIANT**

WWW.VANDAELE-CHIPPERS.EU

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Tot uw dienst

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UNIQUE

TI 27-40

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VANDAELE



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## ***TVP SERIES CRANE FEED***