

FIREWOOD PROCESSOR

TITAN 40/20

The **TITAN 40/20** with mechanical-hydraulic control is designed for professionals who expect more: more performance, more safety, and more control. Equipped with the **BOOMSPEED** function and ready to connect to the Uniforest Connect app, the **TITAN 40/20** enables safe, efficient, user- and nature-friendly firewood production.

- ▶ Cuts with a WIDIA circular saw
- ▶ ECO-FRIENDLY
- ▶ Transport rollers
- ▶ Mechanical-hydraulic control
- ▶ Easy maintenance with low costs
- ▶ **BOOMSPEED** shortens the splitting cycle
- ▶ Hydraulically adjustable feed-in table
- ▶ Uniforest Connect App



25–60 cm
Log length



ø 40 cm
Max. log diameter



20 t
Splitting force

UNIFOREST CONNECT

Active machine diagnostics in real time





Hydraulically adjustable height of the splitting knife

Standard: 2/4-, 2/6- or 2/8-way knife
Option: 2/12-way and additional knives



Mechanical control with ergonomically positioned handles



The carbide saw blade, thanks to its resilience and the shape of the teeth, can cut through a log in a very short time. The movement of the circular saw, including the adjustment of the cutting speed, is hydraulically controlled. The circular saw requires no lubrication with oil which could be dispersed in the environment, so there is no risk of environmental pollution. Cutting and splitting wood waste can therefore be easily processed further.



BOOMSPEED

Double-piston cylinders for two movement speeds: the working speed is utilised for normal splitting of resistant wood, but for less resistance or the "free run" of the cylinder, its speed is increased. This way, the splitting cycle can be shortened by up to 40 % which also contributes to higher efficiency.



The electric motor and the PTO shaft connection are mounted in such a way that the cover plate prevents simultaneous connection. The optimum positioning of the drives makes it easy to upgrade models with an electric motor to a combination.



Built-in hydraulically adjustable feed-in table



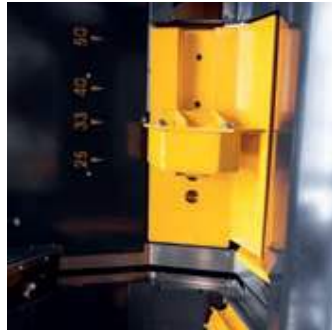
Adjustable hydraulic transport rollers



Hydraulic clamp holds log during cutting.



Hydraulically adjustable height of the splitting knife.



Wood length 25, 33, 40, 50 and 60 cm.



Hydraulic feeder



Handle for half stroke of the splitting cylinder



Oil cooler



Mechanical winch for tilt adjustment of the conveyor belt



The linkage can be mounted at two different heights: 340 mm and 800 mm.



Equipment for road safety



Hydraulic log lifting table – adjustable for timber up to 4000 mm.



Adjustment of the conveyor belt (L/R ± 15°)



A

B



Model	CD	CD UNIFORCE	CD TR	CD TR UNIFORCE	CD+E	CD+E UNIFORCE	CD+E TR	CD+E TR UNIFORCE
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UNIFORCE: ULTIMATE EQUIPMENT PACKAGE FOR EVEN HIGHER EFFICIENCY

Fully equipped models of TITAN 40/20 include all key features for even more efficient and safer firewood production. Most functions are only available as a package. Details can be found in the Additional equipment table.



Splitting knife lifting mechanism



Alignment flap for the last log



Automatic height adjustment of the knife according to log diameter



Uniforest Connect app (full functionality with log measurement)



Light in the splitting part of the machine



Knife holder for working position and transport position

Technical data

Drive	PTO shaft	PTO shaft	PTO shaft	PTO shaft	PTO shaft/ Electric motor	PTO shaft/ Electric motor	PTO shaft/ Electric motor	PTO shaft/ Electric motor
Max cutting diameter	cm	40	40	40	40	40	40	40
Splitting force	kN/t	200/20	200/20	200/20	200/20	200/20	200/20	200/20
Cutting length	cm	25, 33, 40, 50, 60	25, 33, 40, 50, 60	25, 33, 40, 50, 60	25, 33, 40, 50, 60	25, 33, 40, 50, 60	25, 33, 40, 50, 60	25, 33, 40, 50, 60
Saw blade diameter	mm	1000	1000	1000	1000	1000	1000	1000
Electric motor	kW	-	-	-	15	15	15	15
Recommended min. tractor power for drive	kW/HP	35/45	35/45	35/45	35/45	35/45	35/45	35/45
Recommended min. tractor power for transport	kW/HP	70/95	70/95	35/45	70/95	70/95	35/45	35/45
PTO speed (from-to)	min ⁻¹	420-490	420-490	420-490	420-490	420-490	420-490	420-490
Linkage category		II	II	II	II	II	II	II
Operation		mechanical-hydraulic	mechanical-hydraulic	mechanical-hydraulic	mechanical-hydraulic	mechanical-hydraulic	mechanical-hydraulic	mechanical-hydraulic
Oil capacity	l	105	105	105	105	105	105	105
Adjustment of the conveyor belt	°	15	15	15	15	15	15	15
Width of the conveyor belt	mm	420	420	420	420	420	420	420
Length of the conveyor belt	m	5	5	5	5	5	5	5
Driven in-feed rollers height	mm	720	720	720	720	720	720	720
Driven in-feed rollers length	mm	2000	2000	2000	2000	2000	2000	2000
Width (A)	mm	2950	4230	2950	4230	2950	4230	4230
Depth (B)	mm	2050	2050	2050	2050	2050	2050	2050
Height (C)	mm	2700	2700	2700	2700	2700	2700	2700
Weight	kg	2050	2100	2150	2200	2250	2250	2300

Additional equipment

2/4-way splitting knife	•	•	•	•	•	•	•	•
2/6-way splitting knife	•	•	•	•	•	•	•	•
2/8-way splitting knife	•	•	•	•	•	•	•	•
2/12-way splitting knife	o	o	o	o	o	o	o	o
BOOMSPEED	•	•	•	•	•	•	•	•
Oil cooler	•	•	•	•	•	•	•	•
Adjustment of the conveyor belt	•	•	•	•	•	•	•	•
Half stroke of the splitting cylinder	•	•	•	•	•	•	•	•
Hydraulically adjustable inclination of the conveyor belt	•	•	•	•	•	•	•	•
Hydraulically adjustable feed-in table	•	•	•	•	•	•	•	•
Pickaxe holder	•	•	•	•	•	•	•	•
Holder for small pickaxe	•	•	•	•	•	•	•	•
Light and safety signs	/	/	/	/	/	/	/	/
Uniforest Connect (basic)	•	•	•	•	•	•	•	•
Uniforest Connect (full)	/	/	/	/	/	/	/	/
Alignment flap for the last log	/	/	/	/	/	/	/	/
Automatic knife height adjustment	/	/	/	/	/	/	/	/
Splitting knife lifting mechanism	/	/	/	/	/	/	/	/
Light in the splitting part of the machine	/	/	/	/	/	/	/	/
Knife holder for working position	/	/	/	/	/	/	/	/
Knife holder for transport position	o	•	o	•	o	•	o	•
Oil heater	/	/	/	/	o	o	o	o
Separator	o	o	o	o	o	o	o	o

• – Standard, o – Option, / – Not possible, * Choose one knife as standard equipment; additional knives are optional, TR – Chassis