



AZIENDA CON SISTEMA DI GESTIONE
 PER LA QUALITÀ CERTIFICATO DA DNV
 = UNI EN ISO 9001:2008 =

PTH 1400/1000 M

Powerful and Highly Productive

Mobile drum chipper
 mounted on a semi-trailer, a trailer or a truck,
 with its own diesel motor Caterpillar C27 Acert, 1150 Hp and 4340 Nm,
 highly productive, over 300 m³ chips per hour



Technical features		PTH1400/1000
Drum diameter	mm	1000
Drum width	mm	1400
Max. inlet passage	mm	1400 x 800
Drive		Diesel motor Caterpillar C27 Acert Hp 1150 Nm 4340
Hourly throughput	m ³ /h	> 300

FEEDING

The feeding mouth is provided with an upper and two lower rollers, further to a closed-meshes chain. The combined action of such devices pushes and conveys wood up to the drum action.

The maximum inlet passage is 1400 x 800 mm. This means that big diameter logs can be processed directly, without splitting, as well as big bunches of branches.

The feeding hopper can be supplied upon request with an hydraulically driven extension.

The chipper is mounted on a semi-trailer (or on a trailer, or on a truck, as an alternative) through a 180° rotating platform, so that feeding can be done both from the left or the right side.

Feeding is done through a rear mounted Epsilon crane, mod. Q 150 Z 96, with CAE lifting cabin.



CHIPPING

The chipping device is a closed drum that has a diameter of 1000 mm and is 1400 mm large; it is provided with four knives each 700 mm long, which guarantee better quality chips.

A recovery screw feed system is included, to keep clean the working area.

The machine is also provided with interchangeable sieving grids, to define the chips size and calibration.

Like all PTH series drum chippers, PTH 1400/1000 is provided with the NO STRESS electronic device that stops and inverts the feeding system direction of movement, in case of excessive power-absorption by the motor. The NO STRESS automatically restarts the feeding system as soon as power absorption returns to normal.



CHIPS EVACUATING SYSTEM

The machine can be configured with two different chips evacuating systems:

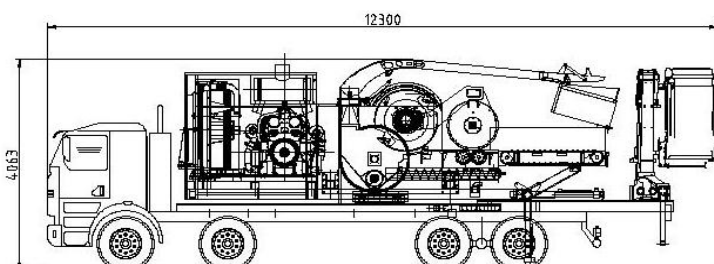
- A ventilator with rotating discharge pipe, suitable to work in the forest;

- A conveyor belt to transport chips up to 5 m high, suitable to work on biomass sort yards. Approx. 30% of the motor power is thus saved and is completely available for the drum, in favor of production capacity. Furthermore, the chipped product is better quality, since chips remain whole and undamaged, not passing through the ventilator.



FORESTRY CONFIGURATION

MOUNTED ON 4 AXLES TRUCK *IVECO TRAKKER 450* WITH 180° ROTATING PLATFORM
CHIPS EVACUATION SYSTEM THROUGH VENTILATOR WITH ROTATING PIPE
INTEGRATED LOADING CRANE



WOOD BIOMASS SORTYARD CONFIGURATION

MOUNTED ON 3 AXLES SEMITRAILER WITH 180° ROTATING PLATFORM
CHIPS EVACUATION SYSTEM THROUGH RUBBER BELT

