



EDY CHIPPER

SELF-PROPELLED PICKING-MULCHING MACHINE FOR TRIMMINGS OF CROPS IN ROWS

The trimmings of crops in rows (vineyards, olive tree groves, orchards) have for a long time been handled as a waste material with no profitability. Today we know that it is limiting to consider trimmings just like a waste product (in this viewpoint they get mulched or piled and burnt), since they require machineries and manpower to be handled, which finally affect the business profits.

CAEB INTERNATIONAL, thanks to its long experience in the management of wooden biomass, offers an innovative technology specifically conceived to pick the trimmings of crops in rows. The new self-propelled picking-mulching machine EDY CHIPPER stands out for its industrial operational features, which allow to create a short chain from picking and mulching the trimmings in the field to their final utilization as an energy source.





EDY CHIPPER

GENERAL FEATURES

Diesel engine
Hydrostatic traction
2 or 4 - wheel drive
4 steering wheels with independent controls on front and rear axles
Dump bed for wood chips
Hydraulically adjustable balance
From the cabin hydraulically adjustable pick-up
Hydraulic swath brushes with adjustable width
Double-width option, standard and wide track wheel position
A/C Air Conditioning
Automatic step ladder

MACHINE DIMENSIONS

Length	5,830 mm incl. swath brushes 4,600 mm without accessories
Height	2,900 + 3,200 mm adjustable
Width	1,550 mm standard configuration 1,750 mm wide track configuration
Wheelbase	2,000 mm
Front track width	1,295 - 1,495 mm
Rear track width	1,275 mm
Minimum steering radius	4,950 mm

ENGINE SPECIFICATIONS

Engine type	Deutz TCD3.6
Displacement	3,600 cc
Power	90 kW (120 HP)
Fuel tank capacity	150 l
Autonomy in working conditions	15 h

PICK-UP

Manually or automatically adjustable height	
Harvesting rollers with adjustable speed	
Reversible rotation direction	
Independent harvesting rollers	
Quick release pickup	
Steel forks for stony grounds	
Maximum height from the ground	600 mm

Standard pickup

Overall width	1,500 mm
Picking-up inner width	1,200 mm
Independent hydraulic swath brushes adjustable in the width from the cabin	Maximum width 2,300 mm

Optional pickup

Overall width	1,700 mm
Picking-up inner width	1,400 mm
Independent hydraulic swath brushes adjustable in the width from the cabin	Maximum width 2,500 mm

MILL

Knives cutting system
Hydraulic clutch engagement

DUMP BED

Length	2,920 mm
Width	1,150 mm
Height	1,250 mm
Capacity	4 m ³

PERFORMANCE FEATURES

Forward speed in the field	5 km/h (4x4) - 8 km/h (2x4)
Forward speed on the road	10 km/h (4x4) - 16 km/h (2x4)
Productivity	Approx. 4,000 kg/h
Maximum lateral slope	20° (37%) double acoustic alarm
Maximum longitudinal gradient	16° (30%)
Centre of gravity height	856 - 1,090 mm

FUNCTIONALITY

Circulation on the road

Pre-set balance and automatic configuration	
Traction	2x4 or 4x4
Single rear steering axle	

Working in the field

Adjustable configuration	(300 mm travel range)
Forward function	2x4 or 4x4
Pick-up rollers with reversible rotation direction	
Pick-up active control	
Hydraulic swath brushes adjustable in the width from the driver cab	
4 steering wheels with independent controls on front and rear axles	

Dumping

Stability safety control	
Maximum dumping height	3,800 mm
Maximum dump bed protrusion when dumping	1,380 mm

