www.esm-ept.de

ESM Double Blade Cutting System bidux

Robust design . . . . . For professional use (pat.pend.)

Strong cutting performance . . . . High harvesting speed

Improved cutting . . . . . Clean base cut and no stool damage

Long service life . . . . . Patented ESM Carbodux® knife sections resistant against foreign obstacles like stones etc.

Minimal maintenance . . . . . Low blade speed; minimal blade wear; easy replacement of knife assemblies

Comfortable handling . . . . . Vibration-free action

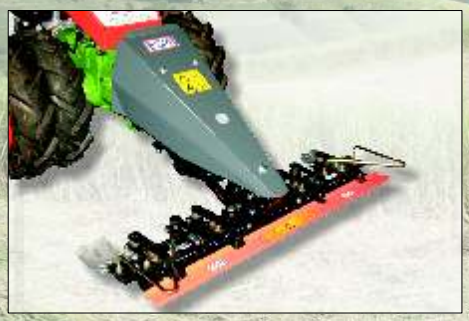
Environment friendly . . . . . Low power consumption

Safe handling . . . . . Power-safety-stop for drive mechanism; foot protection guards

Easy handling . . . . . Cuts perfect on flat grounds as well as on slopes (up to 55 %/25° continously; 80 %/35° intermediate) cuts lodged cane

CaneThumper - powered by agria implement carriers

You got it, we cut it!



single tyres, standard CaneThumper execution for usage in flat and light slopy areas

twin tyres, special CaneThumper attachement for operating on slopes

metal grid wheels, special CaneThumper attachement for operating on steep slopes

Technical data:

Double Blade Cutting Unit (pat.pend.)	ESM bidlux
Width of cut	according to the planted rows
Section pattern	70 - 84 mm
Section execution	ESM Carbodux® hardfaced
Cutting speed	depending upon crop volume
Power consumption per 1 m of cutting width	max. 3 kW
Knife driving system	heavy duty closed oilbath drive, maintenance free
Carrier Unit	agria 5500 CT
Engine	Lombardini Diesel 15LD 315, 4 stroke Diesel engine
Power	5,0kW (7 DIN-HP) at 3.200 rpm
Transmission	Mechanical gearbox with 4 forward and 4 reverse gears with lockable differential
Brakes	Safety- and parking brake
Ergonomical Handlebar	Vertical-/lateral and hight adjustable Safety device: Fast F/R change without lifting hands off handlebar
Special features	Donaldson air filter, headlight, hour meter
additional options:	twin tyres; metal grid wheels

The solution for a highly efficient and economic mechanisation of cane harvesting:

ESM
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ESM CaneThumper®

ESM products, as far as applicable, are CE certified with the pertinent standard EN 12733