



www.esm-ept.de



ESM Double Blade Cutting System **biDUX**

- Robust design** For professional use (Patent protected)
- Excellent 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** Zero-second-safety-stop for drive mechanism; foot protection guards
- Easy handling** Cuts even on slopes (up to 55 %/25° continuously; 80 %/35° intermediate) cuts lodged cane, cuts green cane

The CaneThumper - powered by high quality, heavy duty 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 attachment for operating on slopes



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

Technical data:

Double Blade Cutting Unit	ESM bid _{max}
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	BCS 740 „PowerSafe“
Engine	Yanmar L 100, 4 stroke Diesel engine
Power	7,4 kW at 3.200 rpm
Alternative engine	Honda GX 390, 4 stroke Petrol engine
Power	9,6 kw (13 DIN-HP) at 3.200 rpm
Transmission	Mechanical gearbox with 3 forward and 3 reverse gears with lockable differential
Ergonomical Handlebar	Mec. vertical-/lateral adjustable Operator Safety device
Special features	„PowerSafe“ hydr. clutch system, steering breaks for each wheel
Additional options	Single tyres, twin tyres, metal grid wheels

ESM

Ennepetaler Schneid- und Mähtechnik GmbH & Co.KG

Kölner Straße 29 • 58256 Ennepetal - Germany • @ contact@esm-ept.de

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

ESM
CANETHUMPER®