



ESM high performance double knife cutting unit Sicklesword Mach II

Robust design For professional use (Patent protected)

Excellent cutting performance . . High harvesting speed, high tonnage results per hour

Improved cutting Clean base cut and no stool damage

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

Safety breakaway mechanism

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

Environment friendly Low power consumption


Easy handling Three point linkage system for tractor rear lift linkages Cat I/II, hydraulic cutter bar lifting system, weight transfer floating system for inner shoe driving mechanism, cuts lodged cane, cuts green cane

You got it, we cut it!



Technical data:

Double knife Cutting Unit
Cutting width
Section Pattern
Section Execution
Cutting Speed
Power consumption per 1m of cutting width
Knife Driving System
Carrier with autonomous hydraulic system
Cutterbar Safety breakaway mechanism
Transport System
Cutterbar lifting system

ESM 
Depending on row spacing with a choice of 1.1 and 1.7m cutterbar lengths
80 – 96 mm
ESM Carbodux hardfaced
Depending on conditions from 0.8km/h – 4km/h
MAX 3 kW
Heavy duty open pivot cutter drive, easy and simple to maintain, PTO shaft driving a hydraulic pump that powers the cutter drive
Any tractor with 540 rpm PTO and CAT1/2 rear lift linkage
Automatic spring release system
Hydraulic retaining cutterbar in vertical position
Hydraulic lifting function

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

ESM

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