

>> EMCO 2002 Extractor

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TOP IN EVERY FIELD

- 180 Tn/Hs. Capacity
- Versatile
- High Strength



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EMCO 2002 EXTRACTOR TECHNICAL SPECIFICATIONS

EMCO 2002 EXTRACTOR TECHNICAL SPECIFICATIONS	
	Cereal Mechanical Extractor
Models	EMCO 2002
Type of machine	Movable machine with a strengthen chassis
Working Capacity (kg/h)	180.000
Machine Driving Action	p.t.o. - 6 (ripple marks) 540 rev/ min
Power take-off requirements	p.t.o. connection independent from gear box connection
Safety System	Detachment system through fuse screw in cardan control
Shifting from transport to work position	Through hydraulic cylinder
Minimum tractor power (HP)	80
Working platform	Augers mounted onto arms of variable width. Hydraulic cylinders width regulation. Different bag sizes adjustment. Automatic bag cutting - no worker
Top working platform width (m)	4,2
Ride width (m)	2,1
Transport position width (m)	3
Discharge pipe	Folded through hydraulic cylinder
Height unloading pipe (m) - work position -	4,65
Unloading pipe clearing system	Inspection cover in bottom part
Transmissions	ASA 80 chains and gears
Required hydraulic system	Tractor with a hydraulic valve. Minimum pression: 110 (bar)
Machine hydraulic system	Hydraulic distributor with four valves for the driving action of different cylinders
Wheels	2 wheels 6.50 - 16
Empty machine weight (kg) *APPROXIMATE	1.700*
Optionals	The wheels are offered as optionals

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Feeding Platform



It is composed of two augers onto two mobile screens whose angle is modified by means of hydraulic cylinders.



It fits different bags diameters (width) until it reaches its maximum width of 4.20 m.



The augers are put into the bag and they carry the grain to the central collecting auger - with a diameter of 340 mm - which takes the grain to the loading point.



As the grain is being taken out from the bags, the extractor moves forward, cutting the bag automatically and progressively with a coulter intended for that purpose. There is no need of a worker participation to cut the bag. The top capacity reaches 180 t/h.



It has a robust tubular chassis with 6.50 - 16 tyres and with a tilting shaft and an articulated lance regulated by screw.



This articulation allows the shifting from the transport position to the work position just by a hydraulic command. The machine keeps horizontal in any position.



The unloading augers driving action is done by means of a cardan control of 6 ripple marks working at 540 rev/min. It is advisable that the p.t.o. connection would be independent from the gear box connection to avoid unnecessary stops of the machine as it moves forward.



The transmission is protected by a detachment device by means of fuse screws in the cardan control. The minimum power the tractor should have is of 80 HP.



The extractor has a hydraulic distributor with four valves to command all the hydraulics movement. In that way, the operator can change from work position to transport position, fold or unfold the unloading tube or command the movement screens. The tractor must have a hydraulic valve.

the tires are optional.

EMCO 2002 EXTRACTOR



Unloading System

It is an auger with two hydraulic folding compartments in order to move it easier. The pipe diameter is of 400 mm with an unloading height of 4.65 m right suitable for truck discharge.

It is a machine which is in charge of taking away the grain which was previously packed tightly by the dry grain embed machine. It may have more uses in bulk labour.