



MAINERO

MAINERO
TMR HORIZONTAL
MIXER

 **2932**

Round and Square
hay bales processor.

www.mainero.com

Mixing capacity:	(12 m3) 425 cu ft
Maximum loading capacity:	(5,000 Kg) 11,023 lb. Variable according to materials included.
Required tractor:	Minimum power: 130 HP.
PTO:	540 rpm - 6 splines.
Hydraulics:	Minimum pressure: 120 bar 2 double acting cylinders outlets to: - Power discharge heighth. - Dicscharge door opening/closing.
Main drive:	CV PTO shaft. Heavy duty roller chain drive.
Safety system:	Shear pin on the PTO shaft.
Mixing system:	3 horizontal augers.
Lower auger type:	3/8" flighting, "T" shape reinforcements on its back and replaceable knives.
Lower auger knives:	Self-sharpening progressive-cut hardened knives.
Lower auger bottom:	Wear plate floor on the whole mixing chamber length.
Upper augers:	Auger flighting on the front-end and crumbling paddle-knives on the rear-end. Shear pins on both augers.
Admitted materials:	High moisture or dry concentrates, grains and by-products; water; molasses, syrup, precision-chopped or flail-chopped silages or fresh forages; hay in all forms of conservation: small square bales, big square bales, round bales, etc.*
Hay processing time:	5 to 20 minutes average. Variable according to the bale type -small or big square or round bale-, to the forage type and stem length, desired particle size, etc.
Mixing time:	4 to 6 minutes.
Power discharge:	Type: Double auger.
Drive:	Mechanically driven. Engaged with the door opening.
Door opening:	Hydraulic cylinder.
Discharge heighth:	Hydraulic cylinder.
Magnets:	Optional equipment.
Discharge time:	Adjustable. Mínimum: 2 minutes.
Scale:	Optional equipment.
Tire axle:	Independent rocker arms.
Tires:	12.5/80 - 18 - PR-12 (Qty. 4).

General dimensions	
Total length (A):	(5,544 mm) 219"
Mixing chamber length (B):	(4,000 mm) 157"
Loading height (C):	(3,011 mm) 119"
Mixing chamber height (D):	(2,740 mm) 108"
Width among tires (E):	(2,020 mm) 80"
Tire-power to discharge clearence (F):	Min.: (751 mm) 30"; Max.: (821 mm) 32"
Power discharge heighth (G):	Min.: (452 mm) 18"; Max.: (1,294 mm) 51"
Total width (H):	Min.: (2,816 mm) 111"; Max.: (2,885 mm) 114"
Total weight:	(4,150 kg) 9,150 lb

* High moisture content hay (more than 30%) can cause transmission overloads and higher power consumption. The company reserves the right to make changes without notice.

