

HARVEST ANY ROW SPACING,  
IN ANY DIRECTION



**MAINERO**



ROW INDEPENDENT  
CORN HEAD



**MDD-100**

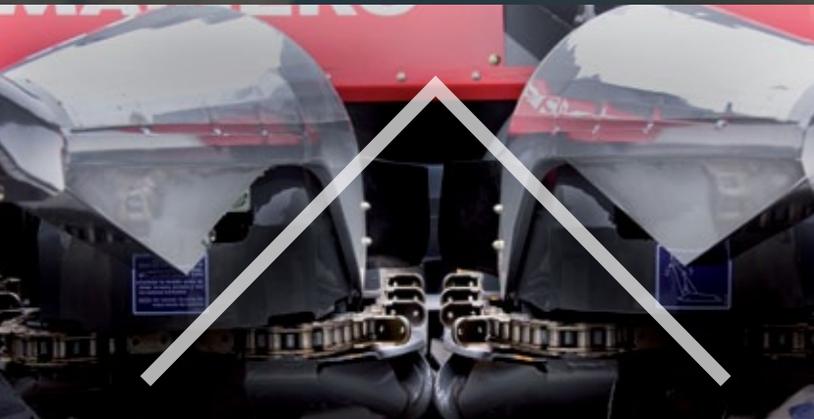


[www.mainero.com](http://www.mainero.com)

# HOW DOES IT WORK?

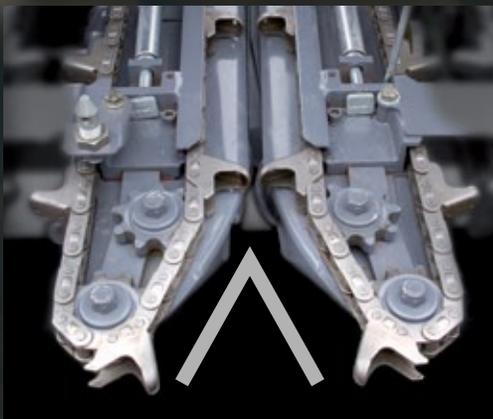
## OUTSIDE SNAILS :

Standard features on all MDD-100's that help bring in the stalk, featuring a shear pin.



## SNOUTS:

The patented open-side design of the Stainless Steel snouts allows the stalks to be eased over to get lined up to the gathering chains without excessive shock to the plant. This exclusive design from MAINERO gives up to four times longer life compared with regular poly ones, and enable a smoother transit of the crop into the gathering chains. The combination of both designs (snouts and gathering chains) results in high efficiency corn harvesting that reduces grain loss and allows the operator to maintain normal working speed, even in different row spacing.



## GATHERING CHAINS:

Featuring our patented offset sprocket to allow corn stalks to feed in with ease.



## HEAD SIGHT:

Four snouts on 20', 23.3' and 26.6' headers and five snouts on 30' and 33.3' headers are ready to mount a head sight control, assuring that the header will follow the ground contour in any condition (The head sight equipment is not included).



Oil bath side roller chain transmission with automatic tensor that assures low maintenance and long operating life.



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#### KNIFE ROLLS:

The opposing knife rolls creates an aggressive crimping action that cuts and damage the stalks leaving the field ready for tillage and/or speeding up its decomposition.

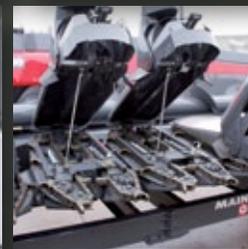
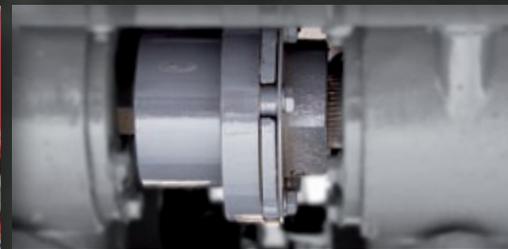
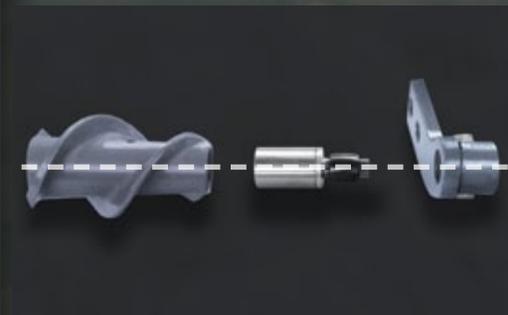
#### END ROLL :

Mainero's new and improved design featuring a non greaseable bearing. Less maintenance!

Each snout features a sturdy stand with height adjustment for quick an easy operation.

Customer's testimony

*"This is  
the ultimate  
corn head"*



#### CLUTCHES

Upgraded, non greaseable row unit clutch.

The deck plates are hydraulically controlled from the combine seat for easy adjustment. A clear indicator needle show the plates position to the operator.

Quick access to lift the hoods and snouts for easy maintenance.

Simply and easy attachment of header to combine. Each header is "customized" with a specific kit for each combine brand and model that includes the adapting frame, the hydraulic and electric coupler, the necessary gears and the color plates to match with any combine brand.

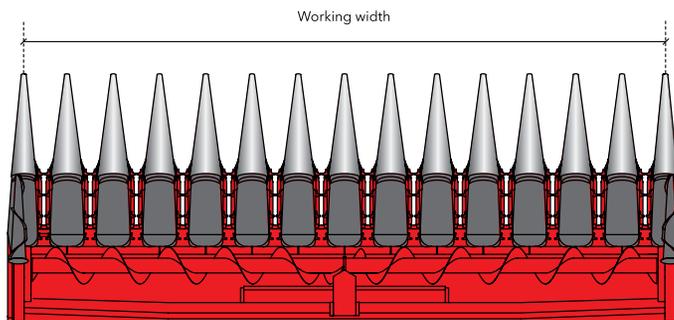


# MDD-100

## ROW INDEPENDENT CORN HEAD - SPECIFICATIONS

Row units - 508mm (20 in)	12	14	16	18	20
Working width:	6.096 m	7.11 m	8.12 m	9.14 m	10.16 m
	240"	280"	320"	354"	400"
	20'	23.33'	26.64'	30'	33.33'
<b># rows harvested</b>					
380 mm (15 in):	16	19	22	24	27
508 mm (20 in):	12	14	16	18	20
760 mm (30 in):	8	10	11	12	14
910 mm (36 in):	7	8	9	10	11
<b>Drive:</b>	60° free rotation yoke pto drive. ASA 80 H oil bath roller chain.				
<b>Gearboxes:</b>	Oil bath.				
Row unit safety clutch:	One per row unit. Preloaded. Maintenance free.				
<b>Stalk Rolls:</b>	Mounting:	Maintenance free bearing with self aligning ball joint at front end support.			
Type:	Four opposed self sharpening knives with tungsten carbide coating.				
<b>Snapping plates:</b>	Hydraulically adjustable.				
<b>Gathering chains:</b>	Type:	CA2801 . 66 pitches.			
Conveying lugs quantity:	8				
<b>Auger:</b>	Drive:	Dual independent drive and central support.			
Speed:	160 rpm				
Mounting:	Hex shaft on spherical bearings. Adjustable.				
Safety clutch:	One clutch each drive. Preloaded.				
<b>Snouts and shields:</b>	Stainless Steel made in the friction area.				
Side augers:	Standard feature. Mechanical drive. Shear pin.				
<b>Weight :</b>	2,650 kg	3,090 kg	3,480 kg	3,830 kg	4,220 kg
	5,842 lb	6,812 lb	7,672 lb	8,444 lb	9,304 lb

Specifications and design subject to change without notice.



DISTRIBUTOR / DEALER

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