

- ✓ EXCELLENT MIXING QUALITY
- ✓ EASY AND RELIABLE MECHANICS
- ✓ LOW USE AND MAINTENANCE COSTS
- ✓ BEST SAFETY

# MEC 300 CONTINUOUS MIXER

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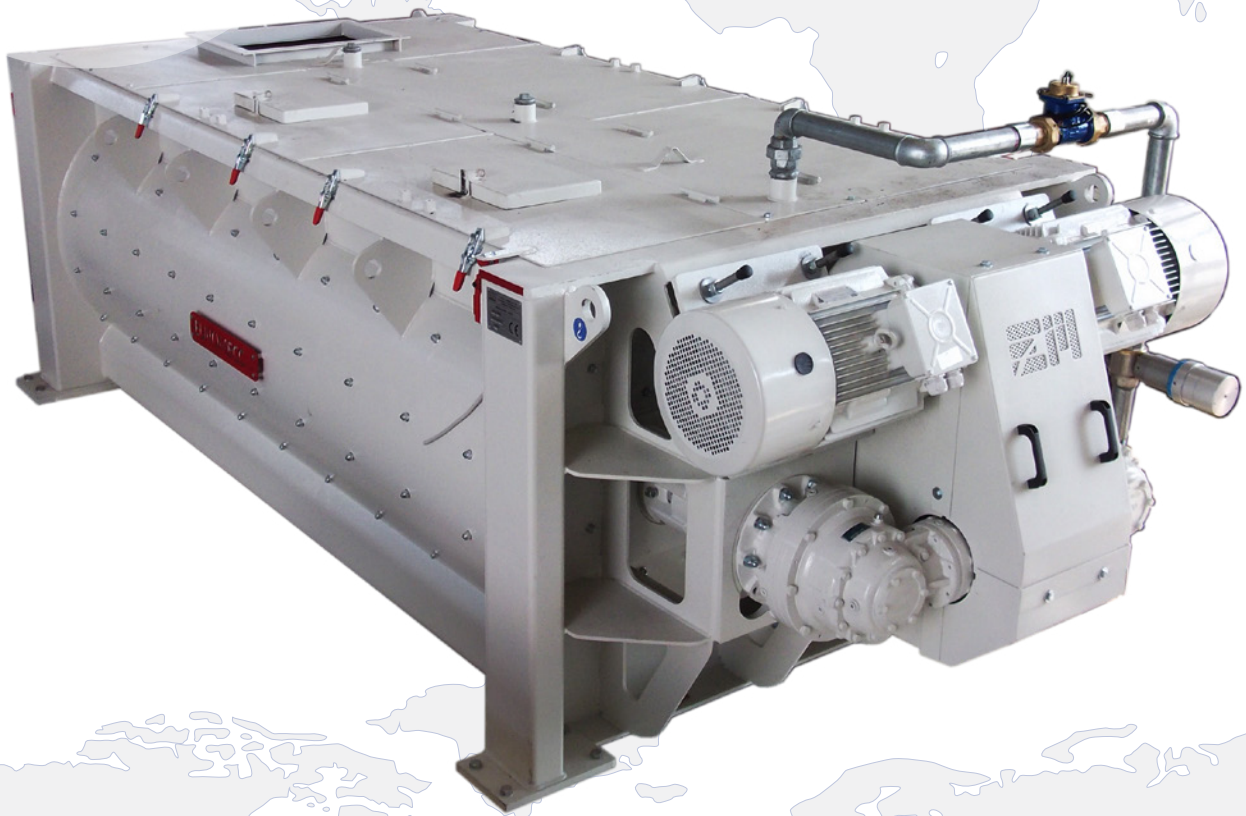
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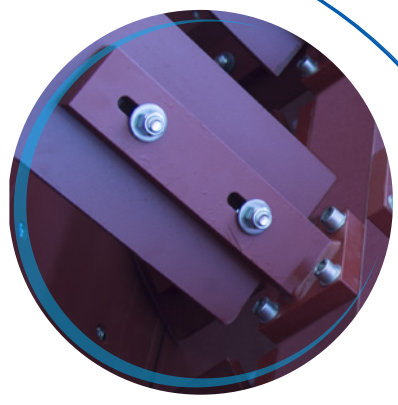
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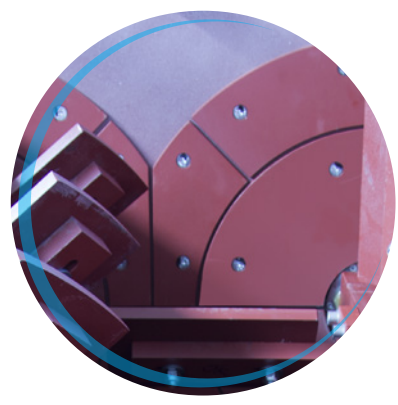


**T**he increase in traffic, specially as regards heavy vehicles, caused severe problems to the duration of road paving. Consequently, it becomes necessary to use a foundation layer in the roadbuilding made of a mixture stabilized with hydraulic binders: the cement mixture. This is a material prepared using stabilized granular mixture, gravel, cement and water. It can be used as foundation layer in the semi-rigid road paving and in all the structural conditions where you want to increase the load-bearing capacity. The cement mixture layer put into the flexible paving allows a clear improvement of the entire structure in terms of fatigue resistance. In the rigid paving, instead, the cement mixture is used both for avoiding the sudden difference of rigidity between the concrete plate and the sub-base and providing a compact layer on which stretching the paving.

**M**EC continuous mixers are a powerful and reliable solution for continuous mixing processes, especially for big size aggregates. They are in fact suitable for rolled compacted concrete and lean concrete, and for the cold recycling of material milled from the old bituminous mixes. Contra-rotating mixing shafts create a strong turbulence in the central area of the mixer, even for the high number of blades used. The movement of axles guarantees an excellent blending of components, while they are pushed from the entry to the loading point. It is available in two sizes: the first one with a production capacity of 150 cubic metres per hour and the second one with a production capacity of 300 cubic metres per hour.



MIXING BLADES IN HARDOX 500 HB 20 MM (0.8 INCH) THICKNESS, HIGHLY CRASH-PROOF. MIXING BEAMS IN SPHEROIDICAL IRON BOLTED TO THE SHAFTS



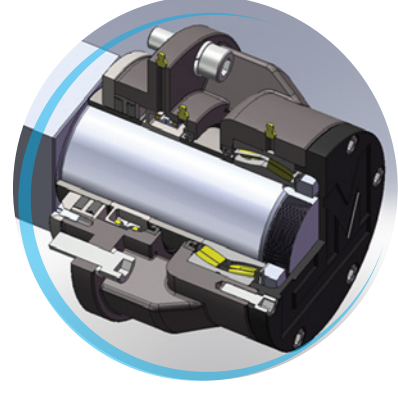
BIN COAT HARDOX 500 HB 12 MM (0.5 INCH) THICKNESS. OFFSET RECTANGULAR PLATES. AS OPTION, THE COATING CAN BE SUPPLIED IN HARDOX 500 HB 15 MM (0.6 INCH)



(OPTIONAL) FEEDING PIPE FOR BITUMEN EMULSION (WITHOUT HORIZONTAL SECTIONS) FOR COLD RECYCLING



COVERING EQUIPPED WITH FOUR INSPECTION HATCHES, FITTED WITH SAFETY SYSTEMS FOR OPENING AND TWO INSPECTION HATCHES WITH PROTECTION NET

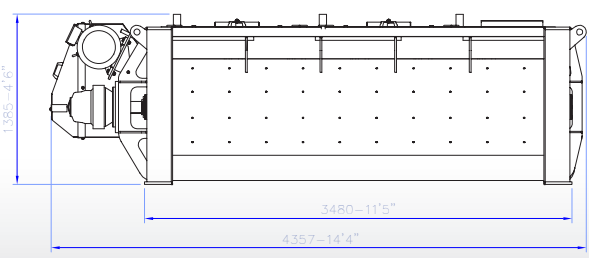


HARDENED COLLETS TO PROTECT THE MIXING SHAFT. SEALING SYSTEM COMBINED WITH POLYURETHANE COLLARS AND MECHANICAL SEALS GROUND STEEL

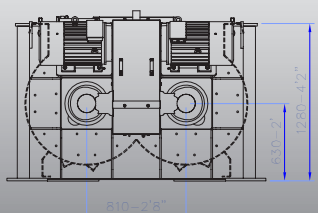


(OPTIONAL) DOUBLE TRAVERSING DISCHARGE CONVEYOR FOR LOADING SOFT-TOP VEHICLES OR TRUCK MIXERS

**FRONTAL VIEW**



**LATERAL VIEW**



**TECHNICAL FEATURES**

	<b>UM</b>	<b>MEC 300</b>
HOURLY PRODUCTION	m <sup>3</sup> /h - yds <sup>3</sup> /h	300 - 393
MAXIMUM SECTION OF AGGREGATES	mm - inch	35 - 1.4
MIXING BLADES	n.	46
ROTATION SPEED (SHAFTS)	rpm	46
MOTOR ROTATION SPEED	rpm	1450 *
MIXING MOTORS POWER (N° 2 MOTORS)	kw-hp	2X22 - 2X30
RATED CURRENT	A	42 *
SUPPLY VOLTAGE	v/hz	400/50 **
PRIMARY REDUCTION RATIO	-	1,57 *
SECONDARY REDUCTION RATIO	-	20 *
TOTAL REDUCTION RATIO	-	31,5 *
NET WEIGHT	kg - lb	6700 - 14770

\* Variable according to feeding voltage in the installation country  
\*\* Feeding voltage of reference

**OPTIONAL**

- Automatic lubrication system of seals group with grease electric pump
- Mixing blades in HARDOX 500 HB 27 mm (1.1 inch) thickness
- Bin's coat in HARDOX 500 HB 15 mm (0.6 inch) thickness
- Double traversing discharge conveyor
- Set-up for cold emulsion

All information and data shall be deemed purely indicative