

FLEXICLEAN MIXER 610/650

Aran FlexiClean mixers feature robust construction for maximum reliability and innovative design for low operating cost. Optimized for Quarry specific or Mining backfill applications, a standard system can be installed as a standalone unit, or packaged as part of a full plant solution.



Applications

The Aran FLEXICLEAN mixer uses continuous mixing technology to produce homogeneous material, suited to:

- ▶ High Quality Paving Concrete
 - ▶ Lean Mix Sub Base Concrete
 - ▶ Roller Compacted Concrete (RCC)
 - ▶ Stabilised Road Base
 - ▶ Backfill materials for underground mines
 - ▶ Land Fill Liners from Soil or Clay mixed with Bentonite
 - ▶ Solidification of Sludges
 - ▶ Treatment of Contaminated Soils
 - ▶ Recycled Concrete or Asphalt with both bitumen emulsion and foam bitumen
- ▶ Most granular or fine material can be mixed with both particulate and liquid binders in an Aran FlexiClean mixer.



FLEXICLEAN SPECIFICATION SUMMARY

| MIXER DETAILS | |
|-------------------------------|---|
| Model number: | 610LD / 650LD |
| Length: | 4028 mm |
| Shaft centres: | 610mm / 650mm |
| Paddle Wear Surfaces: | Aran standard reversible blades min 600BHN |
| Cubic Meter per hour: | 150-450m ³ (dependant on materials used) |
| Power: | 55-180kW Teco |
| Maximum particle size: | 55mm/ 65 mm |
| Inspection openings: | Retractable side doors along length of mixer |
| Liner thickness and material: | 19 mm 4 ply Nylon Reinforced rubber |
| Reduction Gearbox: | SEW |

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Features 610/650

- ▶ High Intensity twin shaft FlexiClean mixer with 19 mm - 4 ply flexible walls and belt floor
- ▶ Double flanged shafts
- ▶ High shaft speed and unique phasing develops high intensity mixing action for homogeneous mixing
- ▶ A bed is formed during operation of the mixer lining the inside which acts as a barrier against wear
- ▶ Low maintenance is by good design and facilitated by easy access through large doors which open along the full length of the mixer chamber
- ▶ Reversible hard wearing steel wear-faces of min 600 BHN
- ▶ A conveyor is used as the mixer floor, activated only during the cleaning sequence allowing fast and easy cleaning of the mixer
- ▶ Bearings and bearing housing are outboard of the mixer, removing them from direct contact with materials being mixed
- ▶ Spray bars ensure even distribution of added liquids
- ▶ High quality corrosion protection consisting of zinc epoxy high build primer and strong powder coat



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