



New Twin Shaft Compulsory Mixer **MBT 3000**

- Dry & Wet concrete production –
Patent Pending

EXISTING PLANTS

This new twin shaft compulsory mixer is the answer to the always more required transformation of existing concrete dry plants in wet ones by adding on a mixer in order to get as the load of the mixer as the load of the truckmixer.

This transformation has been made in the previous plant technology by an extension of aggregates belt conveyor and cement screw conveyor and adding an external by-pass device to get the direct load into the truckmixer.

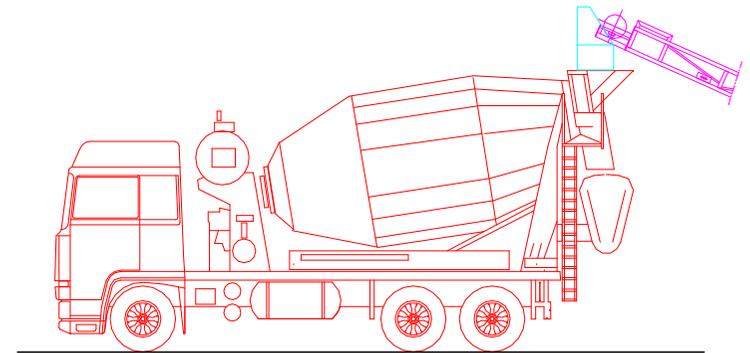
With MBT type mixer these extensions are nor necessary and also the aggregates by-pass isn't more necessary.

A further advantage with MBT type mixer is the reduction of the falling heightness of aggregates by belt conveyor to the truckmixer, getting so a relevant reduction of wearing action inside the mixing drum inlet.

In case of not enough of existing lenght of aggregate belt conveyor and cement screw conveyor there's the possibility to place the mixer's supporting trestle baseplates at some cm under the 0 ground level.

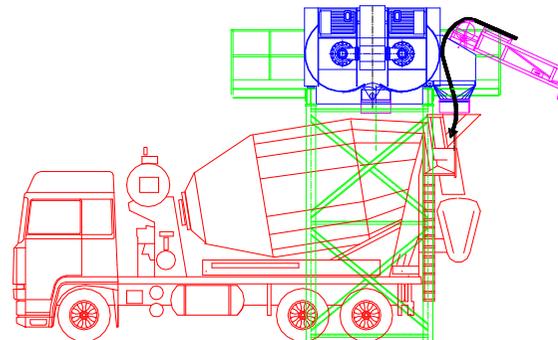
Finally by this solution ready mix companies can get with the most cheap transformation the possibility to maintain high dry production and a considerable wet production.

BATCHING PLANT BEFORE THE APPLICATION

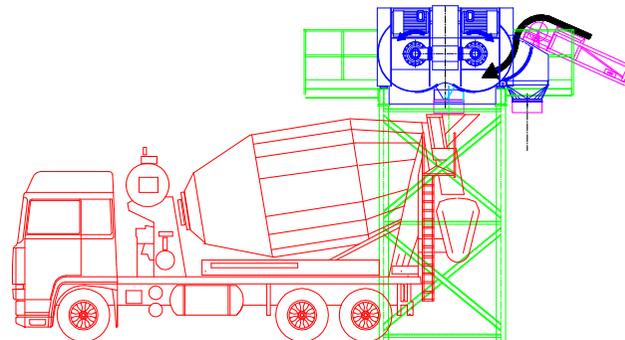


MBT APPLICATION A

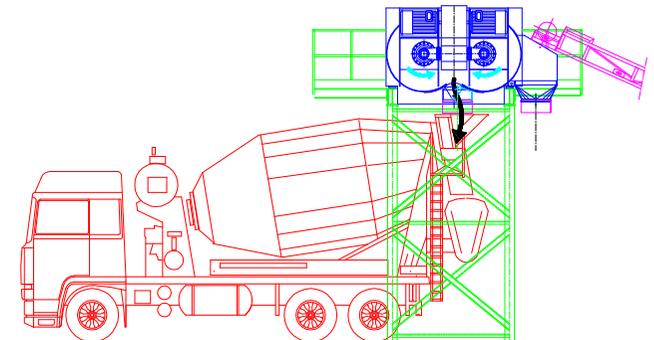
DRY DISCHARGING



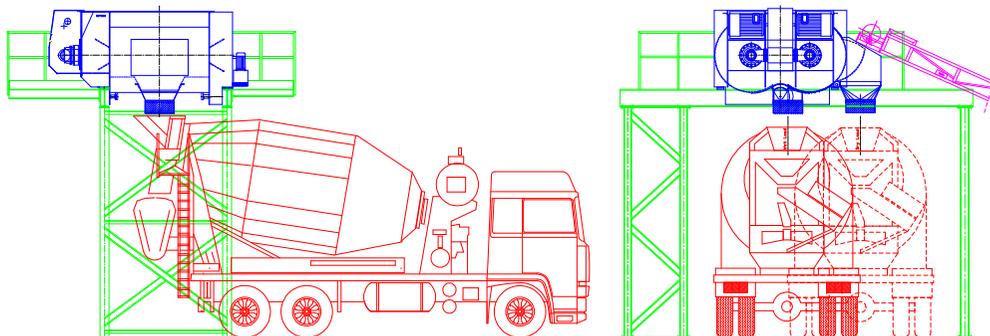
MIXER LOADING



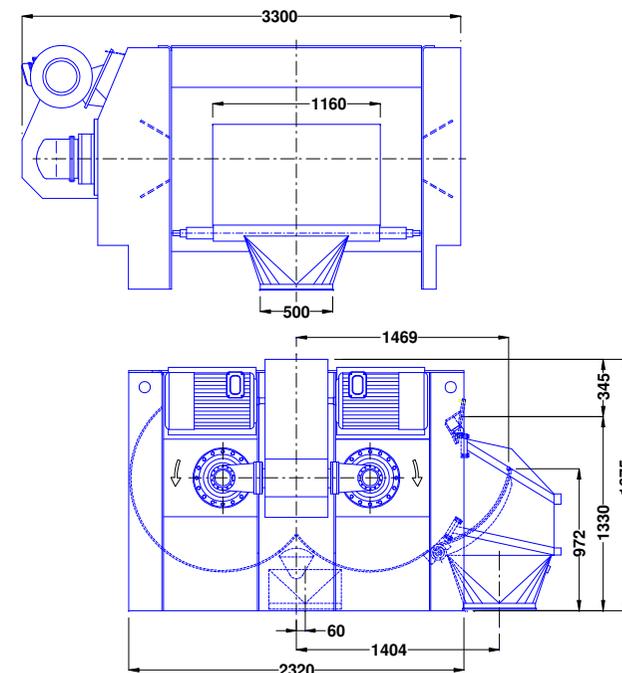
WET DISCHARGING



MBT APPLICATION B



MBT 3000 TECHNICAL DATA



NEW PLANTS

To get general smaller size on new dry-wet plants with MBT mixer we have lowered the aggregates and cement loading points to keep more down the length of both belt conveyor and cement screw conveyor and, also in this case, it is no more necessary the aggregates by-pass device as this function is already covered by the special dry charging-discharging door.

By this solution ready mix companies can get with the most cheap execution the possibility of high dry production together with a considerable wet production.

A further advantage with MBT type mixer is the reduction of falling heightness of aggregates by belt conveyor to the truckmixer, getting so a relevant reduction of wearing action inside the mixing drum inlet.

Also for new plants are always suitable both application A and application B.

Both Mixer and Trestle are **containerizable** without extra heightness.

AVAILABLE EXECUTION

Welded arms on the shaft – Bolted arms on the shaft

Wear lining Th 12 **Hardox 400**

Wear lining Th 12 **THS** (Thermally Hardened Steel) **HB 500**

Wear lining Th 20 **THS** (Thermally Hardened Steel) **HB 500**

Mixing Paddles Th 20 **THS** (Thermally Hardened Steel) **HB 500**

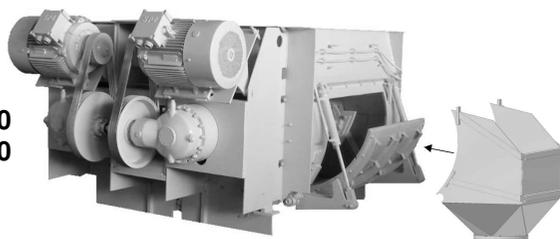
Mixing Paddles Th 30 **THS** (Thermally Hardened Steel) **HB 500**

OPTIONAL EQUIPMENTS

Automatic grease lubrication plant

Automatic cleaning plant

Shaft cleaning rings



DRY FILLING	lt	3.000
FRESH CONC./BATCH	lt	2.500
VIBRATED CONR./BATCH	lt	2.000
MIXING POWER	Kw	2x37
HYDRAULIC POWER	Kw	1x1,5
MIXING SHOVELS	n.	2x6
DISCHARGING DOOR	n.	1
BY-PASSING DOOR	n.	1
MIXING TIME	sec.	30
DISCHARGING TIME	sec.	10
WEIGHT	Kg	6.500

Drawings, technical data and dimensions subject to change without notice



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