



Wall Agitator

NTD has included in its production line a new wide range of wall agitators, both pneumatic and gearmotor driven.



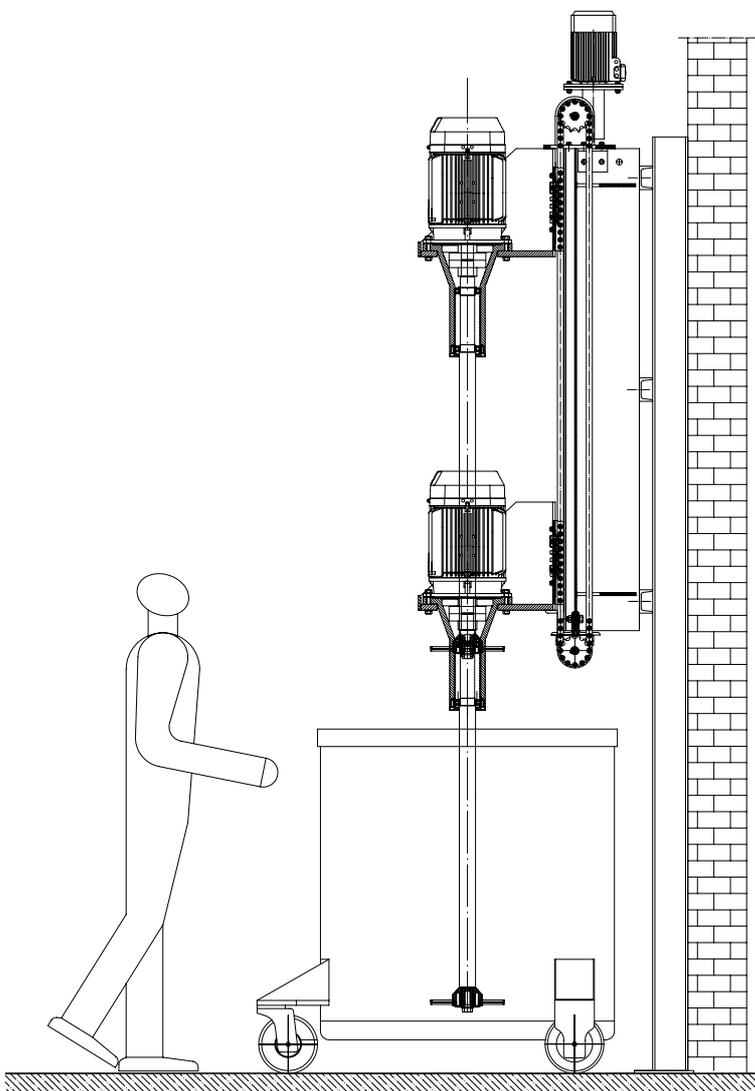
Gearmotor driven
Wall Agitator



Pneumatic
Wall Agitator

General features

- * 2 lifting systems of the agitator unit :
 - Gearmotor drive, high resistance chain box.
 - Pneumatic cylinder drive.
- * Fixing system by linear guides and ball bearings providing the most innovative design.
- * The user carries out the lifting movement of the static agitator by push buttons and at such a distance to avoid dust, vapours or other toxic agents inhalation during the manufacturing process.



- * Disperser disk speed variation continuously and while operating, (by an electronic variable frequency drive). Speed is controlled with a potentiometer and is indicated in a high brightness digital display that shows at all times the R.P.M (revolutions per minute) of the agitator disk.

- * Easy operation and innovative design that minimise safety risks and low sound pressure level that reduces fatigue and inconveniences to the operators.

- * Irreversible elevation system, equipment is fixed at a chosen position and it can not move due to a combination of gear reducer with another with worm other of endless worm gear box (in the wall agitator with gearmotor).

- * Safer operation at any position throughout the motor travel due to its irreversible operation.

- * Self-aligned agitating system as the motor and the agitator shaft are joined together by flexible couplings.

- * The agitator unit slides on side linear guides giving a smooth and safe movement. It is fixed on four linear ways resistant to high mechanical load that don't require lubrication and are dirt-resistant and corrosion-resistant. The operation is very quiet.

- * Maintenance free, high performance and energy-saving.

- * IP-55 or flameproof ATEXII 2G EEx-d IIB can be installed.

They can be supplied with power ratings of 5.5CV - 7.5CV - 10CV - 15CV



*EExd control panel viewer
(Flameproof)*

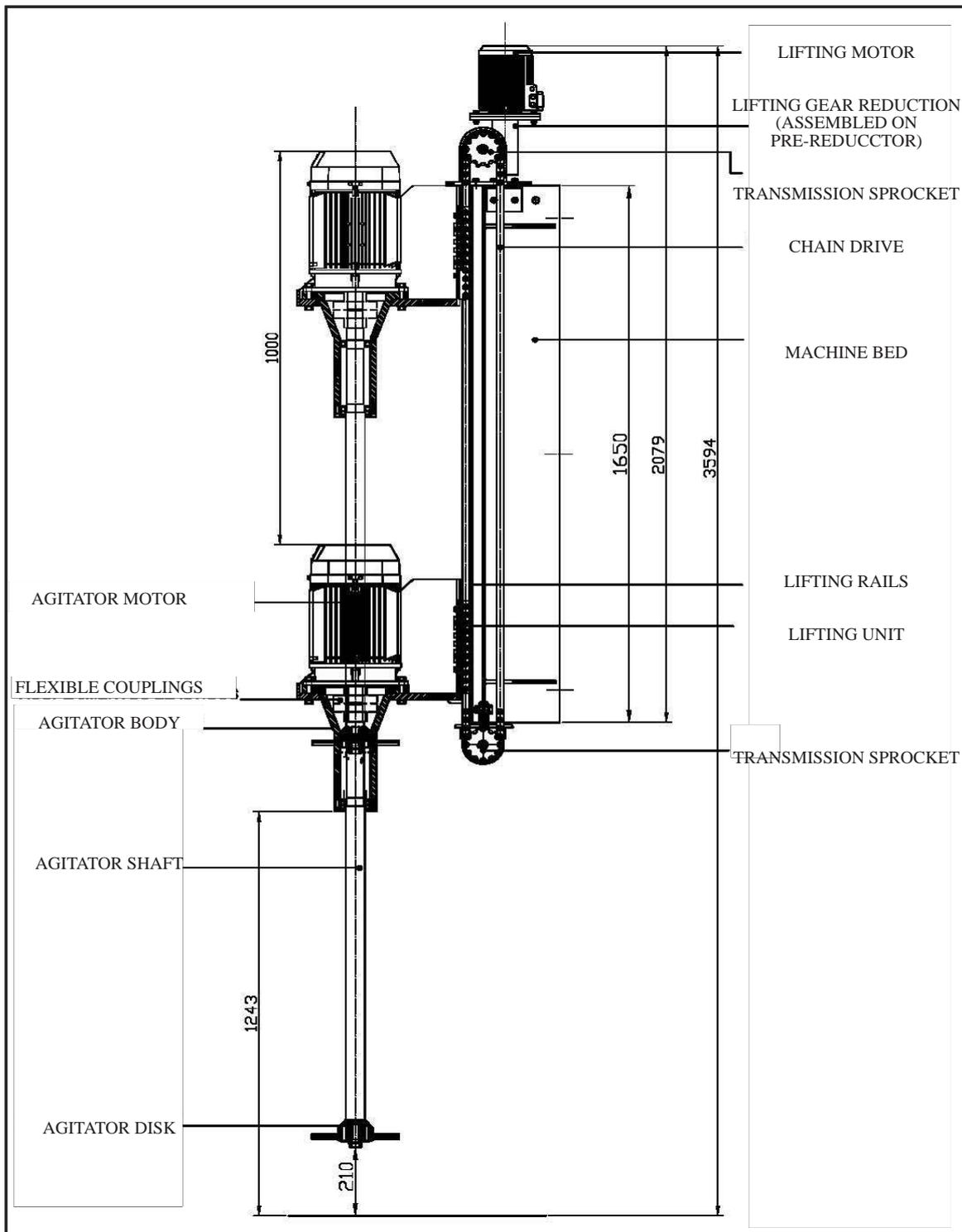


*IP-55 (Normal) control panel
viewer*



Lifting system detail

Components and general dimensions



Dimensions in

Easy handling

Innovative design



Wall agitator 5.5 hp
Counterweight lifting



Wall agitator 5.5 hp
Pneumatic lifting

High efficiency

Energy-saving

NTD manufactures each equipment adapting to customer needs.