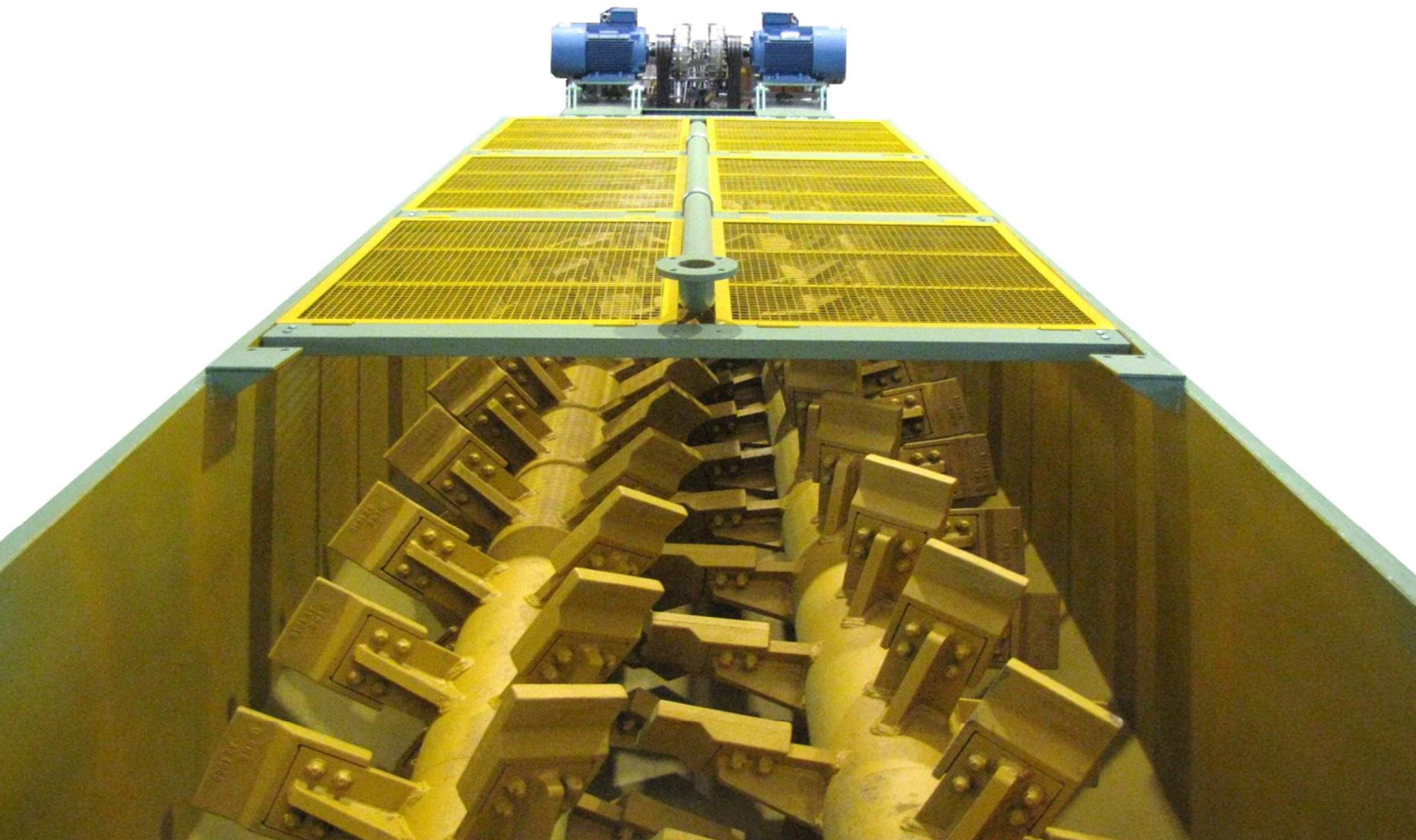


PADDLE MUD WASHERS “LP” SERIES



FOR A VIGOROUS REMOVAL OF CLAY, SLIME AND OTHER IMPURITIES

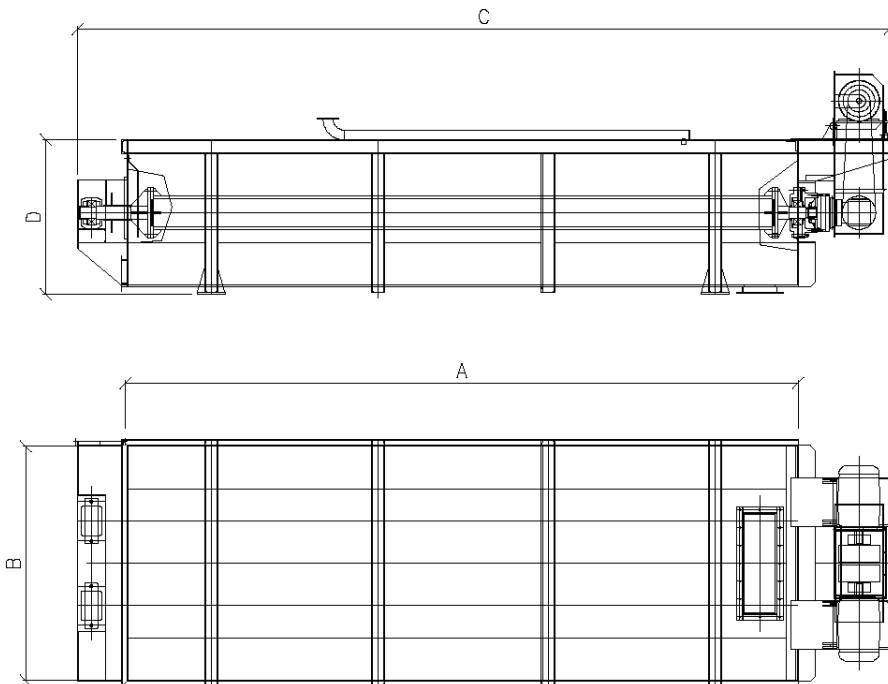


**helical disposition of the paddles
for an intense mud removal and a
uniform flow of the material to
the discharge point**

**shower washing device for an
accurate rinsing of the material**

TECHNICAL FEATURES

The **paddle mud washers LP series** are used for the washing of heavily soiled materials having a maximum size of about 100mm. They are ideal for removing impurities adhering to the material or to break blocks of clay. Exclusive feature of LP scrubbers is the **helical position of the blades** mounted on the shaft. This disposition creates a continuous movement in the mass of material resulting in a more effective and intense mud removal and a uniform flow of the material to the discharge point to ensure a continuous and regular feeding of the downstream machines. Moreover, thanks to the continuous and not intermittent movement of the mass, the energy requirements and the machine noise are considerably reduced. The paddles are made of **high wear-resistance steel** and are positioned with an appropriate inclination angle suitable to facilitate the conveyance of the material to the discharge point. The control system is realized with two motors equipped with hydraulic couplings that transmit the power, by trapezoidal belts, to two planetary gearboxes. The presence of a **universal joint** also serves to transmit a synchronized movement to the two shafts. The addition of washing water through a shower device allows the material, in its advance towards the discharge point, to come in contact with water, which, flowing in countercurrent thanks to the inclination of the machine, produces **an additional flushing** of the material before being discharged. Clay, slime and other impurities are thus carried away by the water that flows out from the opposite side to the discharge point of the material.



TYPE*	A (mm)	B (mm)	C (mm)	D (mm)	capacity (mc/h)	material size (mm)	power supply (Hp)	weight (Kg)	Ø mixers
LP 80/5	5000	1850	6150	1180	40	70	30 (22 kW)	6000	800
LP 100/6	6000	2100	7295	1380	80	100	50 (37 kW)	9700	1000
LP 120/6	6000	2350	7455	1580	120	100	75 (55 kW)	14200	1200

* The models shown are standards that can be adapted and modified according to specific customer needs.