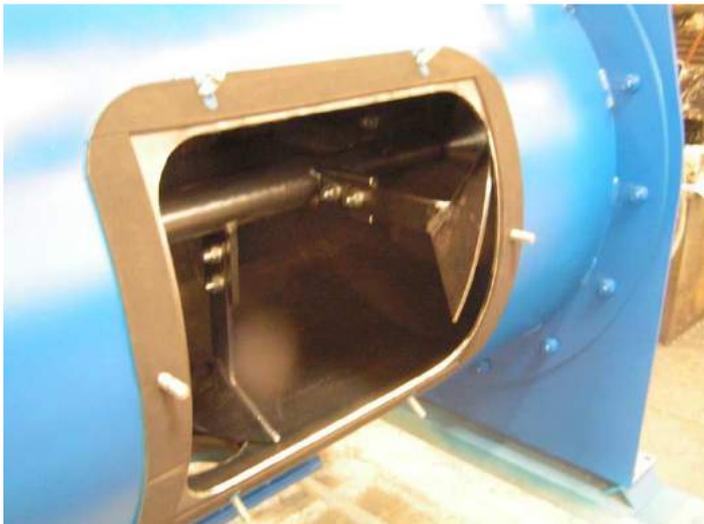# BLADE OR PLOUGHSHARE BLENDER

The compact solution

APPLICATIONS

- Mixing, blending or homogenising dry, wet or slightly pasty products.
- Chemicals (fertilizers, detergents, insecticides ...),
- Minerals products (gypsum, pigments, cement, ...),
- Food industry (meal, sugar, ...),
- Vegetal products.

WORKING PRINCIPLE

- A rotor equipped with blades or ploughshares forces the different product layers inside the vessel to mix accurately thanks to the energetic agitation created.
- The blender can work in batch as well as continuously.
- The discharge outlet consists of one or many openings.
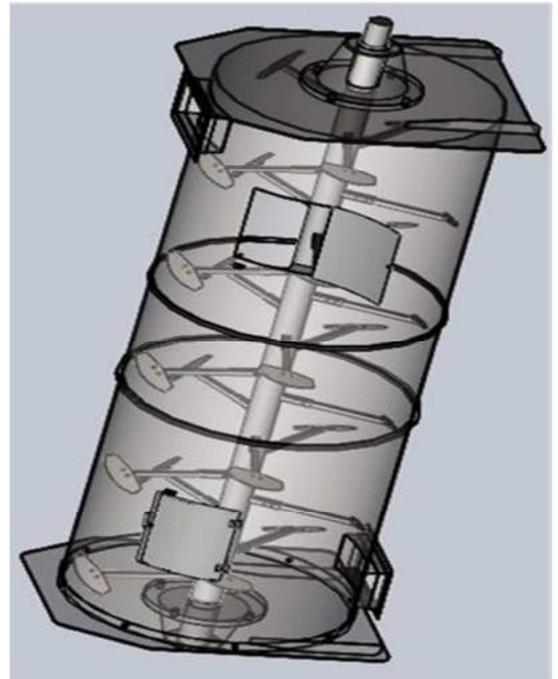

LESSINE
TAILORED BULK TECHNOLOGIES

LESSINE BENEFITS

TAILOR-MADE SOLUTIONS:

• ACCORDING TO THE SPECIFICITIES OF YOUR PROJECT: TECHNOLOGY, DIMENSIONS, INVESTMENT, COST, CONSTRUCTION...

• ACCORDING TO ON YOUR NEED: TRANSPORT, AUTOMATION, INSTALLATION, COMMISSIONING, SPARE PARTS...

• FROM THE CONCEPTION STAGE > R&D, DEVELOPMENT, TEST AND FEASIBILITY.

CONSTRUCTION

- Cylindrical vessel, lateral walls bolted or welded.
- Blades are easily removable and adjustable.
- Blade profiles according to product and application.
- Stuffing box for shaft sealing, external bearings.
- Discharge valve following application (slide gate, pinch valves, swivel gate....).
- Drive by geared motor with hollow shaft or coupling
- Carbon or stainless steel construction.
- Possibilities for liquid injection during mixing.

TECHNICAL SPECIFICATIONS

Type	Total capacity l.	Practical capacity l.		Width mm	Ø. mm	Height mm	Installed power kW *	Weight without motor kg
		From	To					
MP 150	150	75	105	600	600	700	4	230
MP 300	300	150	200	1000	600	700	5.5	300
MP 500	500	300	350	1500	600	700	7.5	500
MP 900	900	540	630	1500	800	1100	11	750
MP 1100	1100	660	770	1500	900	1200	18	1000
MP 1500	1600	960	1100	2000	900	1200	18	1300
MP 2000	1900	1100	1300	2000	1000	1300	22	1500
MP 2500	2400	1400	1600	2500	1000	1300	30	1900
MP 3000	3000	1800	2100	3000	1100	1500	37	2200
MP 4000	4100	2400	2800	3000	1200	1600	45	2800
MP 5000	4800	2800	3300	3000	1300	1700	55	3300
MP 7000	7300	4300	5100	3500	1500	1900	55	3900
MP 9500	9500	5700	6600	4000	1600	2000	75	5000
MP 12000	11800	7000	8200	4000	1800	2300	90	5600
MP 15000	14700	8800	10000	4500	1900	2400	90	7300
MP 16000	16500	9900	11500	4500	2000	2500	110	7900

* The power is indicative. It depends on products.

MILLING   MIXING   DRYING   SEPARATION   HANDLING