

PRECO MOBILE DRYERS

Model: MD1, MD2

Series: MD1x2, MD1x3, MD1x4, MD1x5 | MD2x2, MD2x3, MD2x4, MD2x5

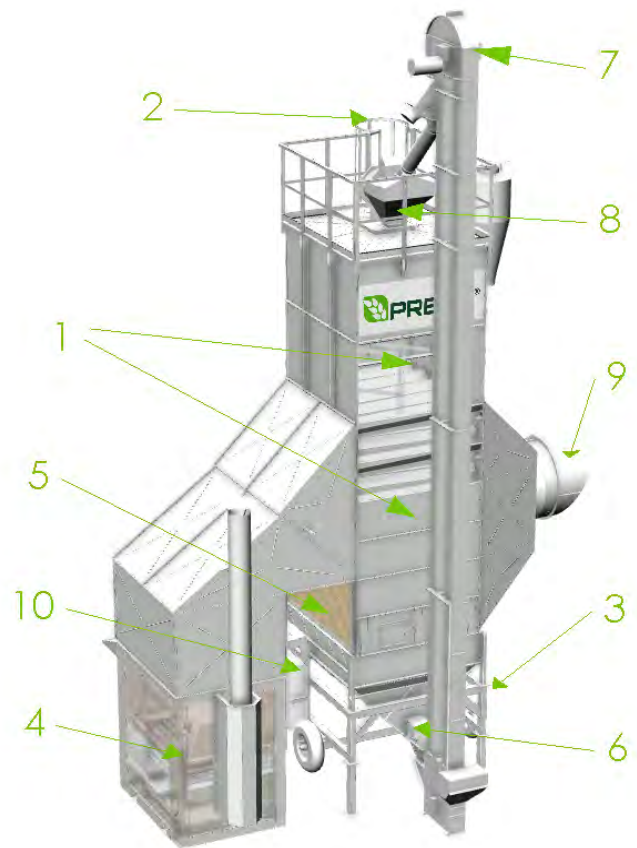
Volume: 15 – 33 m³ | 30 - 67 m³

Preco mobile dryers are excellent choice for small and medium size farms.

ADVANTAGES:

- Based on frame with wheels and tow bar
- Smooth surface drying cell design
- Pre-cleaning of dust and chaff during grain drying process
- Semi-automatic and simple control box. Ensures full drying cycle: Loading, Drying, Cooling and Unloading
- Fire hatches for instant grain discharge
- Simple maintenance and start-up of the dryer (delivered pre-assembled)
- Hot duct thermal insulation
- Cost – effective solution
- Complete with conveying units

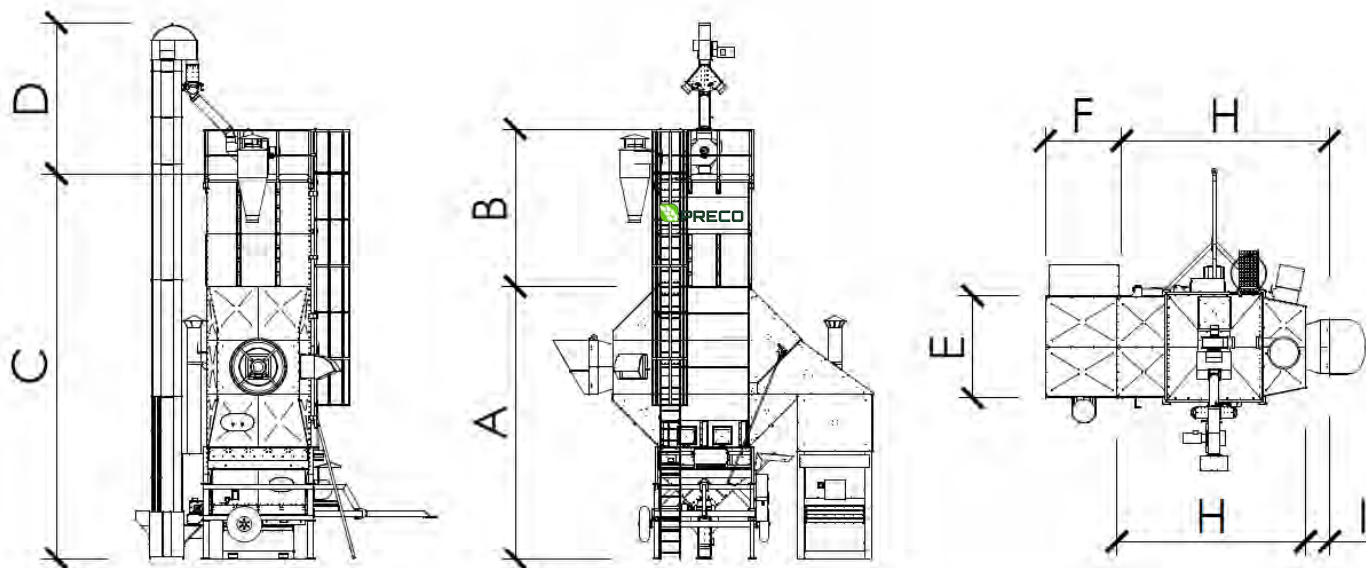
STANDARD EQUIPMENT:



1. Drying column with electrical slide feeding device
2. Access ladders with platforms
3. Mobile frame with wheels
4. Heat exchanger with two stage diesel burner
5. Insulated (50 mm) hot air duct between heat exchanger and burner
6. Discharger chain conveyor
7. Bucket elevator with manual 3-way divider and grain duct set
8. Dust removal unit PPA60
9. Radial fans without dust separation
10. Control panel with button interface, fillingguard, overheating thermostats and Siemens Logo PLC for drying process control
11. Operational manual and packaging



Model / m	A (Heating zone)	B (Buffer bin)	C (Roof top)	D (Elevator above)	E (Heater L)	F (Heater W)	G (Dryer)	H (Column)	I (Fan)
MD1x2	4.7	2.8	6.7	2.9 (9.75 m Total)	2.2	1.6	4.8	3.6	0.9
MD1x3	5.8	3.4	8.4	2.9 (11.25 m Total)	2.2	1.6	5.2	4.0	1.0
MD1x4	7.0	4.0	10.2	2.8 (12.75 m Total)	2.8	1.8	5.2	4.0	1.0
MD1x5	8.1	4.5	11.8	2.8 (14.50 m Total)	2.8	1.8	5.4	4.0	1.1
MD2x2	4.9	2.8	6.8	3.8 (10.50 m Total)	2.8	1.8	5.2	3.6	1.0
MD2x3	6.0	3.4	8.6	3.9 (12.50 m Total)	3.3	1.8	5.4	4.0	1.1
MD2x4	7.2	4.0	10.4	3.9 (14.25 m Total)	3.3	1.8	5.2	4.0	1.0
MD2x5	8.3	4.5	12.2	3.8 (16.00 m Total)	4.3	2.2	5.4	4.0	1.1



Model		MD1x2	MD1x3	MD1x4	MD1x5	MD2x2	MD2x3	MD2x4	MD2x5
Description	Units	MD1 / Sections				MD2 / Sections			
		2	3	4	5	2	3	4	5
Total volume	m ³	15.2	21.4	27.5	33.6	30.2	42.7	55.0	67.2
Filling volume	m ³	13.2	19.4	25.5	31.6	27.2	39.7	52.0	64.2
Working volume	m ³	7.5	11.2	15.0	18.7	15.0	22.5	30.0	37.5
Maximum drying volume daily	m ³ / day	52.8	77.6	102.0	126.4	108.8	158.8	208.0	256.8
Buffer sections	pcs	1.5	2.0	2.5	3.0	1.5	2.0	2.5	3.0
Heat exchanger with two stage light oil burner	kW	PS 450 RL 34	PS 450 RL 44	PS 800 RL 70	PS 800 RL 50	PS 800 RL 50	PS 1200 RL 100	PS 1200 RL 100	PS 2000 RL 190
Radial fan without dust separation	kW	5.5	9.2	9.2	15	9.2	15	2 x 9.2	2 x 15
Conveying capacity / model	t/h	60 / (K40 / E50)				60 / (K100 / E80) / 80		100 / (K100 / E80)	
Elevator height (C) / motor	m / kW	9.75 / 3	11.25 / 4	12.75 / 4	14.50 / 5.5	10.50 / 4	12.50 / 5.5	14.25 / 7.5	16.00 / 9.2
Discharge and filling conveyor length / motor	m / kW	3.3 / 1.1				5.9 + 3.5 / 2 x 1.5			
Grain duct set from dryer to elevator with manual 3-way valve	Unloading pipe (D200) and 45 deg.bend						Unloading pipe (D250) and 45 deg. bend		
	m	4	6	8	9	4	6	8	9
Aspiration unit PPA for dust and chaff	kW	60 t/h 2.2 kW				60 t/h 2.2 kW	80 - 100 t/h 4 kW		
Total weight	t	5.9	8.0	9.9	10.6	11.2	12.9	15.1	16.7
Total power consumption	kW	13.2	18.0	18.0	26.0	19.9	30.1	35.5	52.9
Outlet feeding device	kW	0.75							

