

## PRECO BATCH DRYERS

**Model:** BM, BL, BXL

**Series:** BM15, BM23, BM32, BM40 | BL25, BL33, BL45, BL57 | BXL52, BXL64, BXL76

**Volume:** 15 – 40 m<sup>3</sup> | 24 – 57 m<sup>3</sup> | 52 – 77 m<sup>3</sup>

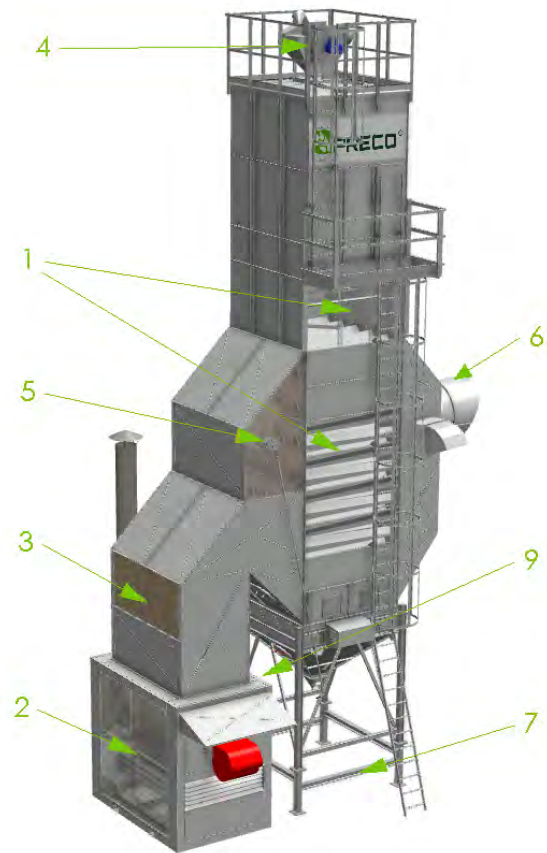
Preco batch dryers are suitable for small and medium size farms. The drying process is managed in batches.

### ADVANTAGES:

- Heavy duty metal construction
- 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, Unloading, Drying and Cooling
- Fire hatches for instant grain discharge
- Simple maintenance and start-up of the dryer (delivered pre-assembled)
- Hot duct thermal insulation
- Cost – effective solution



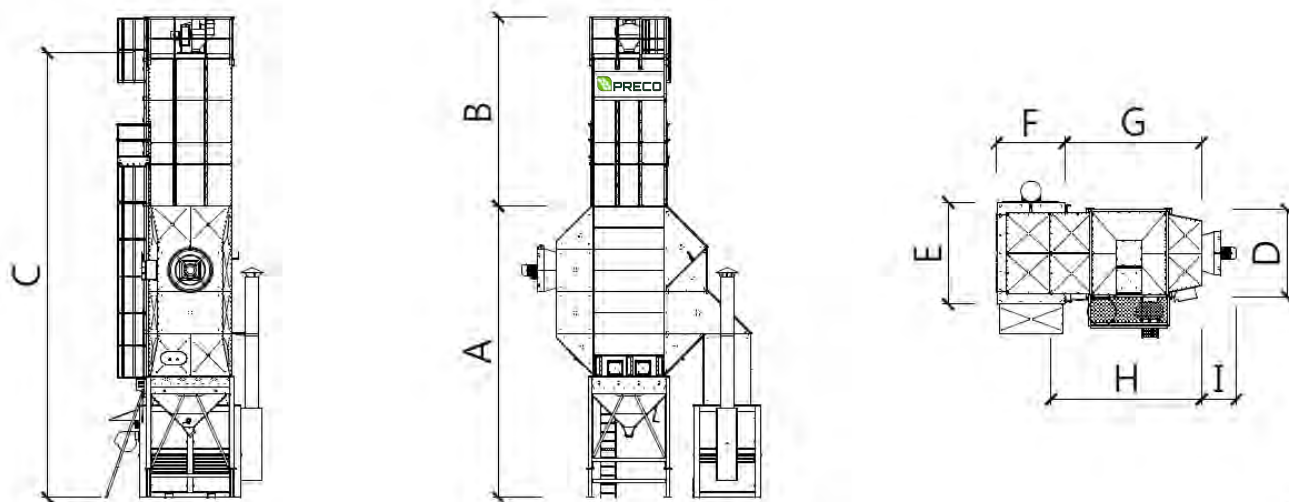
### STANDARD EQUIPMENT:



1. Drying column with electrical slide feeding device
2. Heat exchanger with two stage diesel burner
3. Insulated (50 mm) hot air duct between heat exchanger and burner
4. Dust removal unit PPA100 (BL-BXL) / PPA60 (BM)
5. Access ladders with platforms
6. Radial fans without dust separation
7. Chain discharge conveyor (BL-BXL) / extended frame (BM)
8. Air channel shutter with gear mechanism 1pc. to dry partial batch
9. Control box with button interface, level sensor, overheating thermostats and Siemens Logo PLC for drying process control
10. Operational manual and packaging



Model/m	A (Heating zone)	B (Buffer bin)	C (Roof top)	D (Width)	E (Heater L)	F (Heater W)	G (Dryer)	H (Column)	I (Fan)
BM 15	5.6	2.8	7.6	2.2	2.2	1.6	3.4	3.7	0.8
BM 23	6.8	4.0	9.9	2.2	2.2	1.6	4.1	4.1	1.0
BM 32	7.9	5.1	12.2	2.2	2.8	1.8	4.1	4.1	1.0
BM 40	9.1	6.3	14.5	2.2	2.8	1.8	4.2	4.1	1.1
BL 25	4.9	2.8	7.3	3.1	2.2	1.6	3.4	3.7	1.0
BL 33	6.0	4.0	9.1	3.1	2.8	1.8	4.1	4.1	1.0
BL 45	7.2	5.1	11.1	3.1	3.3	1.8	4.2	4.1	1.1
BL 57	8.3	6.3	13.7	3.1	3.3	1.8	4.1	4.1	1.0
BXL 52	6.1	4.5	10.7	4.3	3.3	1.8	4.2	4.1	1.1
BXL 64	7.3	5.1	11.3	4.3	3.8	2.2	4.1	4.1	1.0
BXL 76	8.4	5.7	13.1	4.3	4.3	2.2	4.2	4.1	1.1



Model		BM 15	BM 23	BM 32	BM 40	BL 25	BL 33	BL 45	BL 57	BXL 52	BXL 64	BXL 76	
Description	Units	2	3	4	5	2	3	4	5	3	4	5	
Total volume	m <sup>3</sup>	15.2	23.7	32.2	40.7	24.6	33.2	45.1	57.0	52.2	64.4	76.7	
Filling volume	m <sup>3</sup>	13.2	21.7	30.2	38.7	21.6	30.2	42.1	54.0	48.2	64.4	72.7	
Working volume	m <sup>3</sup>	7.5	11.2	15.0	18.7	10.5	15.7	21.0	26.2	22.5	30.0	37.5	
Maximum drying batch per day	m <sup>3</sup> /day	52.8	86.8	120.8	154.8	86.4	120.8	168.4	216.0	192.8	257.6	290.8	
Buffer sections	pcs.	1.5	2.5	3.5	4.5	2.0	2.5	3.5	4.5	3.0	3.5	4.0	
Heat exchanger with two stage light oil burner	kW Burner Max.	PS 450 RL 34 (395 kW)	PS 450 RL 44 (485 kW)	PS 800 RL 50 (593 kW)	PS 800 RL 70 (830 kW)	PS 450 RL 44 (485 kW)	PS 800 RL 50 (593 kW)	PS 1200 RL 100 (1186 kW)	PS 1200 RL 100 (1186 kW)	PS 1200 RL 100 (1186 kW)	PS 1600 RL 130 (1540 kW)	PS 2000 RL 190 (2443 kW)	
Outlet feeding mechanism	kW	0.75											
Radial fan without dust separation	kW	5.5	9.2		15.0	9.2		15.0		2 x 9.2		2 x 15	
Aspiration unit PPA for dust and chaff	t/h kW	40 - 60 t/h, 2.2 kW						80 - 100 t/h, 4 kW					
Total weight	t	5.0	6.9	8.7	9.5	7.0	8.0	8.9	10.2	11.2	14.3	16.0	
Total power consumption	kW	9.2	12.9		19.4	14.0		23.1		27.3		42.2	
Discharge conveyor length/motor/capacity	m/ kW/ type	Extended frame. Foreseen as freeflow to bucket elevator.				4.6 / 1.1 / K60, 60 t/h		4.6 / 1.5 / K100, 80 t/h		5.8 / 1.5 / K100, 100 t/h			

