

# DP® Impact Pulveriser - Applications



Henna Leaves



Chana Daal



Ferro  
Titanium-  
30%



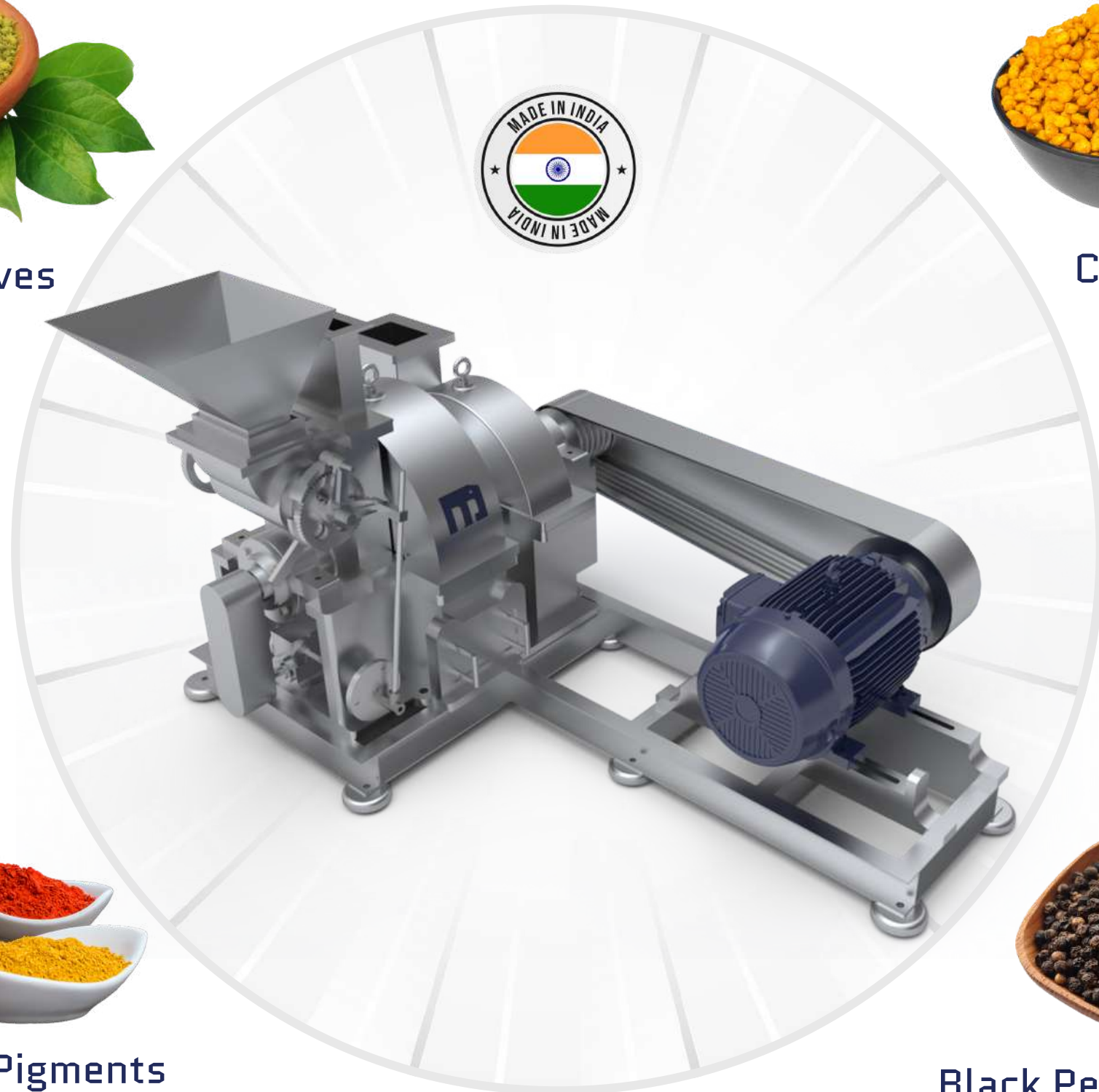
Calcium  
Stearate



Pigments



Black Pepper



Available for testing at our  
Mumbai Application Test Centre

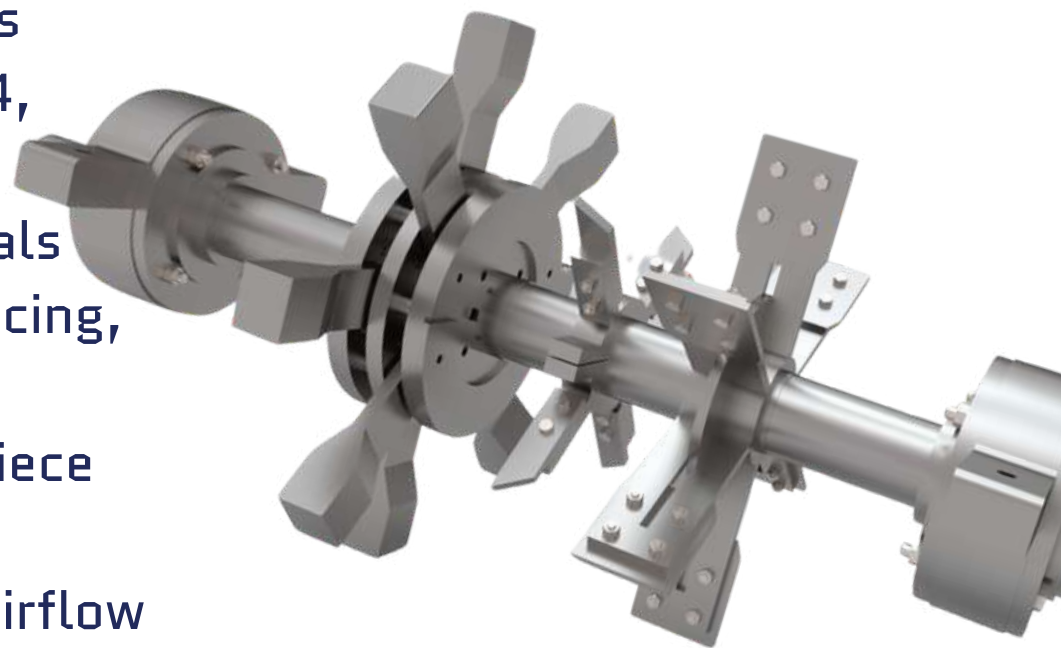
 **DP Pulveriser**<sup>®</sup>  
since 1962

# DP® Impact Pulveriser - Sizes

Model	IPR	8	15	20	25	32	42	52
Main Drive Motor	HP	5	7.5-10	15-20	25-30	50-75	100-125	175-215
Rotor Speed	RPM	5000	3000	2200	2000	1800	1600	12000
Scale-up factor	F	0.25	0.5	1	1.8	3.5	6	10
Airflow	m3/h	510	1350	1800	2700	5400	9000	11000

## Options & Accessories

- Machine Contact and Non-Contact Parts available in CastIron, Carbon Steel, 304, 304L, 316, 316L
- Wearable parts available in hard materials like Forged Alloy Steel, Welded Hard Facing, Hard Alloy Steel Casting, CastIron
- Internal fan available in single or two piece design
- Available in external fan design where airflow control is required
- Liners available in water jacketed design to provide cooling in the grinding chamber



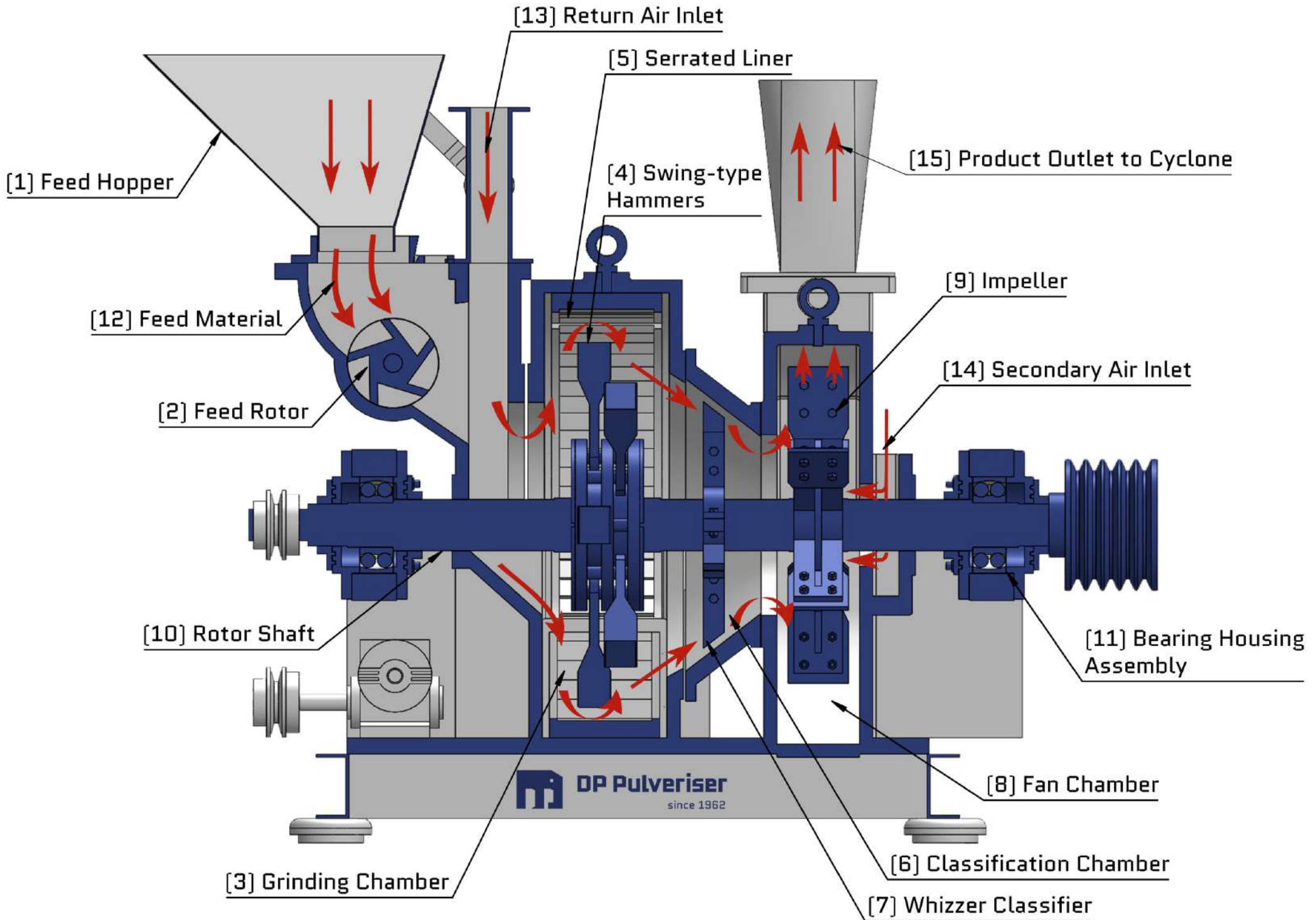
Fineness values	IPR	Throughput
95% < 100 µm [150 mesh]	Chana Daal	1250 kg/h - DP IPR-32BC(80 HP)
95% < 75 µm [200 mesh]	Calcium Stearate	375 kg/h - DP IPR-25(30 HP)
95% < 150 µm [100 mesh]	Black Pepper	350 kg/h - DP IPR-15 [15HP]
95% < 40 µm [350 mesh]	Pigments	100 kg/h - DP IPR-20 [20 HP]
95% < 100 µm [150 mesh]	Ferro Titanium-30%	350 kg/h - DP IPR-25(30 HP)
95% < 150 µm [100 mesh]	Henna Leaves	100 kg/h - DP IPR-25(30 HP)

## Features & Benefits

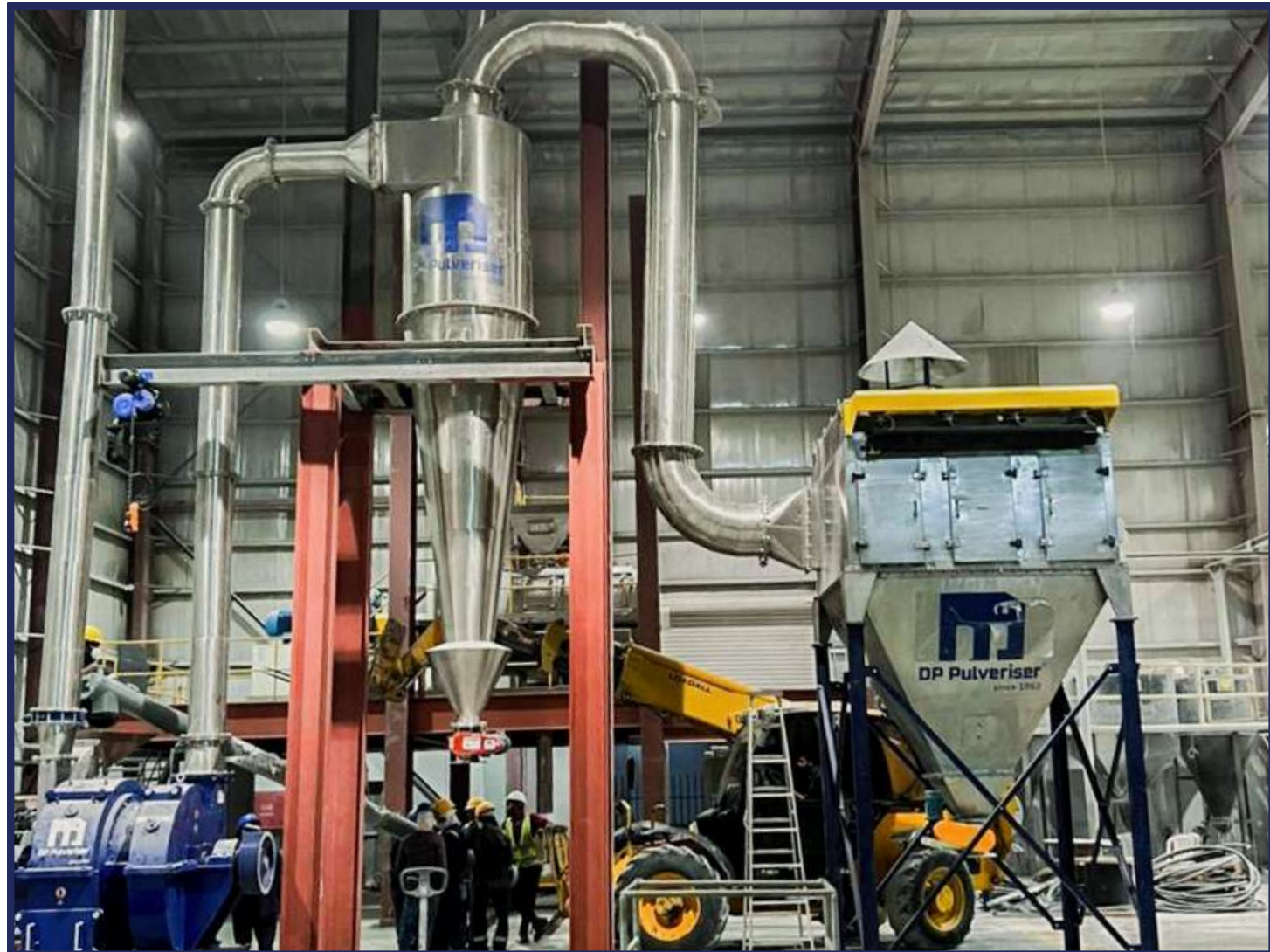
- Grinding and classifying in a single machine
- Capable of fine reductions down to 50 microns or 300 mesh
- Screen-less classification
- Durable long life [Some 1970s and 80s models are still in use today]
- Adjustable particle size control of powders
- Integrated feeding, classification and pneumatic conveying all run by a single motor
- Available in abrasion resistant design for materials up to 6-7 Mohs hardness
- Reliable operation due to robust design
- Cool and gentle grinding due to high airflows



# DP® Impact Pulveriser - Working Principle







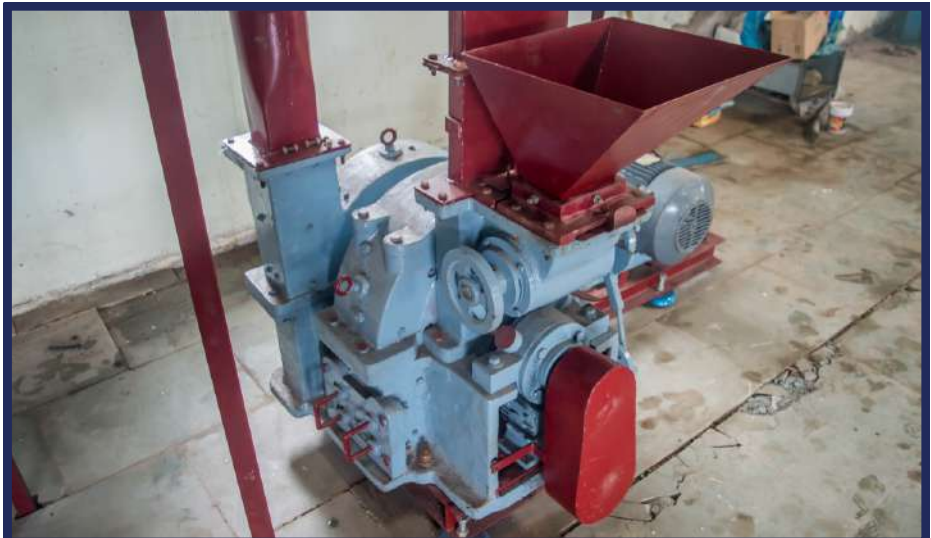
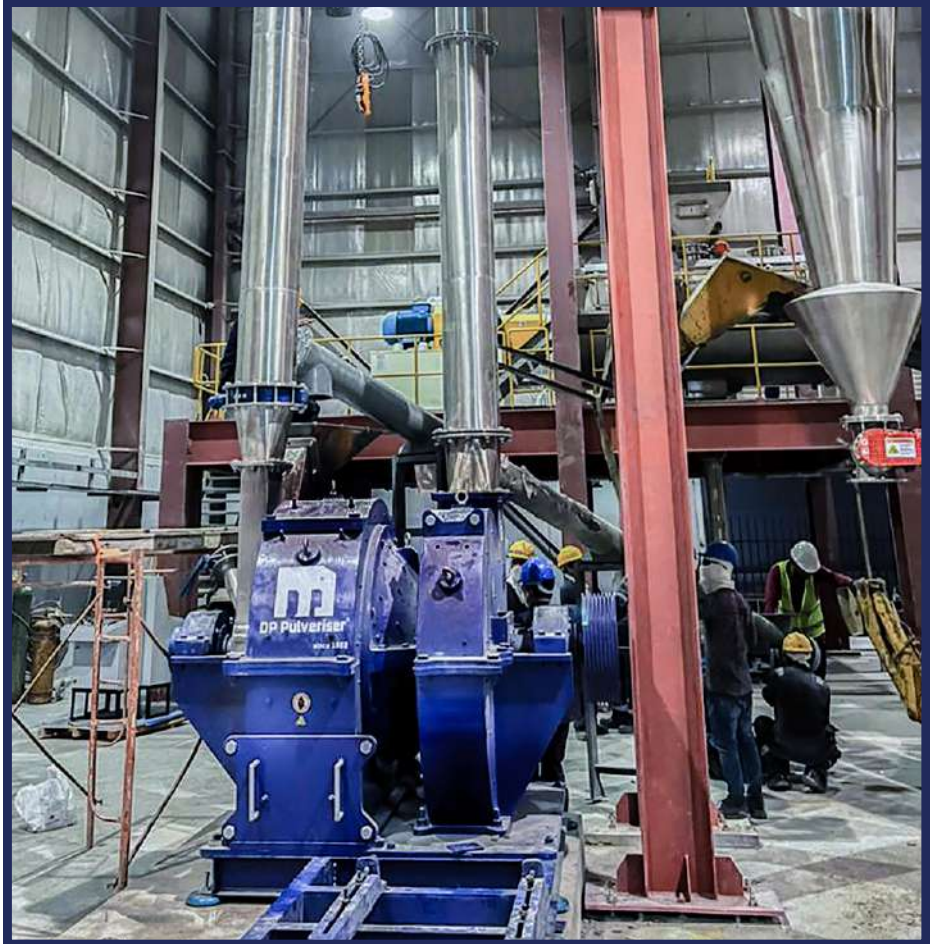
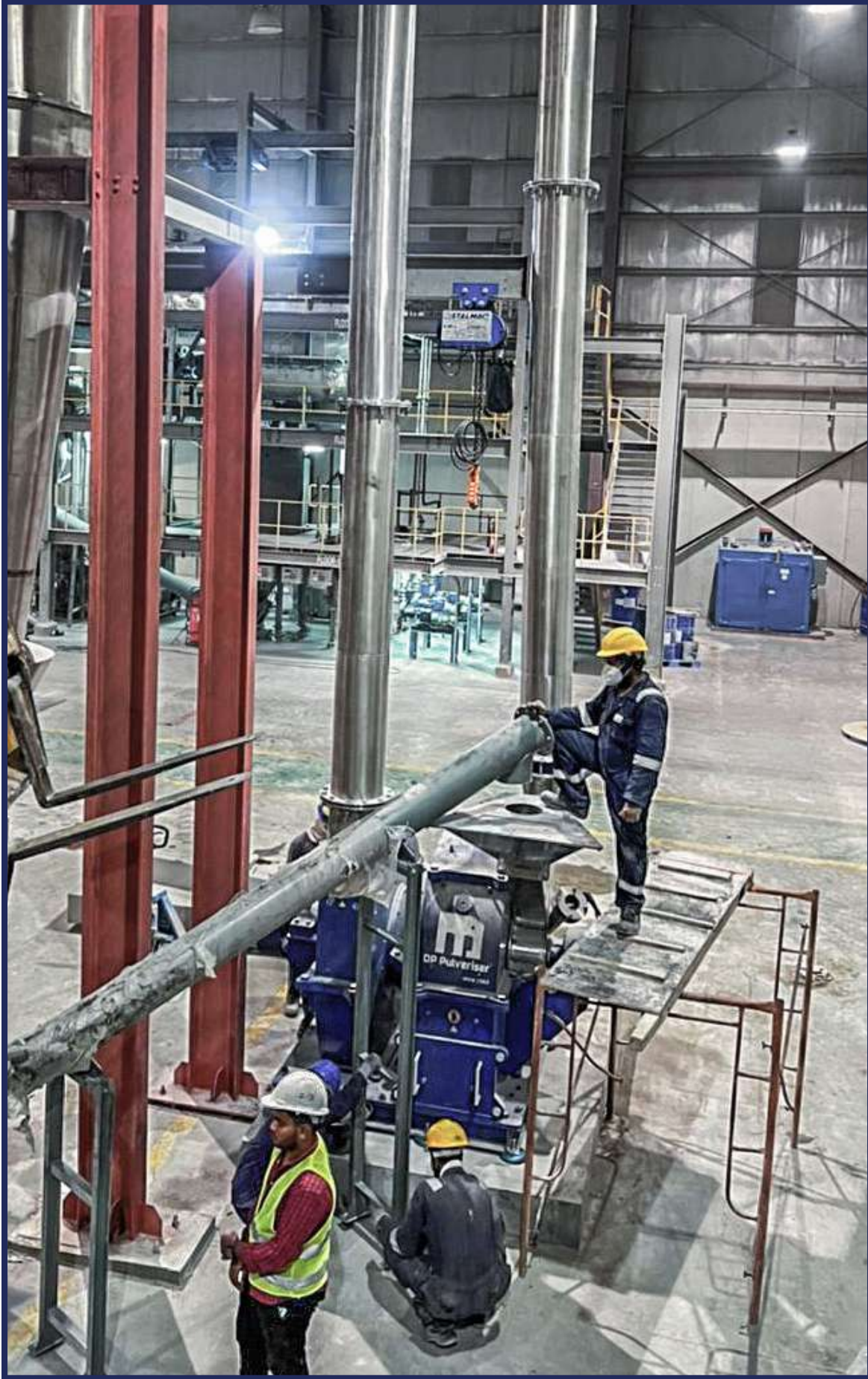
 **DP Pulveriser**<sup>®</sup>  
since 1962

[www.dppulveriser.com](http://www.dppulveriser.com)

 +91 6352496679

[sales@dppulveriser.com](mailto:sales@dppulveriser.com)





 **DP Pulveriser**<sup>®</sup>  
since 1962

[www.dppulveriser.com](http://www.dppulveriser.com)

 +91 6352496679

[sales@dppulveriser.com](mailto:sales@dppulveriser.com)