

Mobile Hopper
ø 219



General description

The Mobile Hopper **DENIS Ø 219** is mobile and versatile enough to receive or reclaim product in situations where it is impossible to dig a pit (on cemented ground, under water, or rock bedding). Built with a receiving-end trough coupled to an variable inclination undertube, this can feed or reclaim a range of devices. Its main strengths:

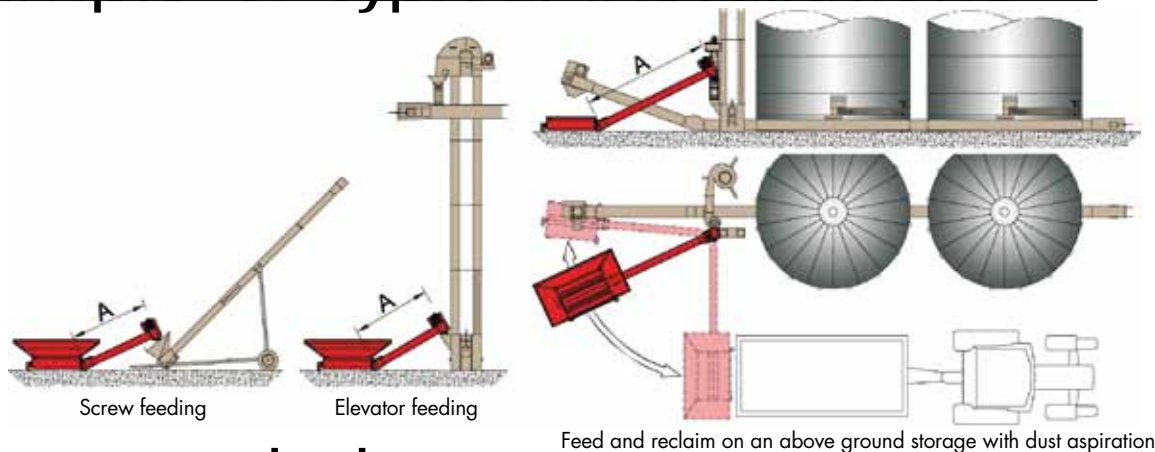
Effective and reliable: fitted with flow rate control gating to adapt to the recovery system – Low pressure swivelling wheels making it easy to move the hopper – Inspection hatch, bearings and universal joint fitted with greasers for easy cleaning and maintenance.

Modular functionality: hopper with reach-down trough (0.44 m) – variable inclination 15-25° undertube with 4 length options and 3 speeds for a nominal output of 50 to 100 t/h – Options for connection to a variable frequency drive.

Safe and robust: built tough - Low maintenance - Auger flight fully tested to pitch-perfect standard in our own workshops - The hopper comes fitted with a protective shield, meeting the stipulations of the EU “machinery” directive.

DENIS paint quality: every part undergoes following processes, before pre-assembly: sand blasting in degreaser tunnel, phosphate coated anti-corrosion treatment, primer protection and 180°C cured final paint finish. These processes are applied on a continuous production line. The final result provides each component optimum corrosion resistance, over 400 hours in salt spray test, vs. 250 hours for pre-galvanized Z350. DENIS makes every effort to be environmentally friendly, controlling all emissions and component during this process.

Example of typical installations



Characteristics

TM 219 Rating (*)	Speed rpm	Drive power	Hopper (L x l x h)	Tube diameter	Angle min/max	Inclined Length = A
50 t/h	320 min-1	4 kW	1.49 m	Ø 219	15°	2.42 m
70 t/h	414 min-1	7.5 / 9 kW	x 1.00 m		to	to
100 t/h	650 min-1	7.5 / 9 kW	x 0.44 m		25°	3.92 m

(*) on grain cereal (SW 0.7 Humidity 16%) at a 20° angle

Option

- Raising block for hopper 2.65 x 1.41 m
- Cone off centre : square 250/200 for EG14 boot
- ON/OFF console with c/b
- Frequency inverter 30 to 50 Hz



Flow rate control gating



Electrical power control console (on option)

CE Denis devices and instruments meet all applicable safety standards



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