nothing beats high quality

Hopper Loaders

Feeding

Series LA 400

(one material component)

for automatic transport of free flowing materials
with bulk density of 0,4... 0,8 kg/Litre and max. temp. 80°C

Standard features:

- ✓ stainless steel construction
- ✓ automatic filter cleaning
- ✓ microprocessor controlled conveying functions
- ✓ control box 24VDC and power box separate housings
- ✓ Throughput up to 1.800 kg/h

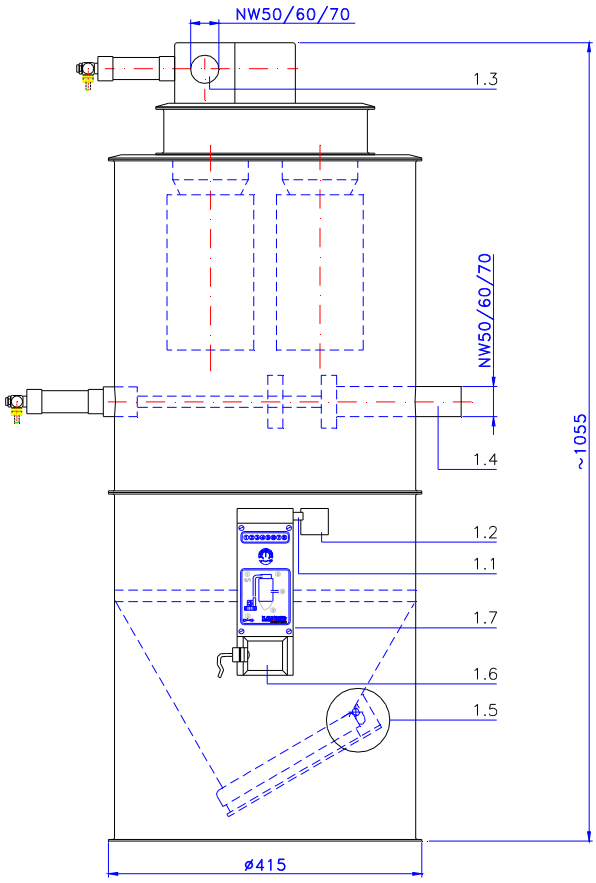
Options:

- ○ clean out valve for product line
- ○ alarm signal contact, alarm lamp

Series LA 400

Model	Article-No.	Throughput *	Distance * horizontal/vertical		Vacuum generator	Pipe Ø	Weight	
			horizontal	vertical			Hopper loader	Generator
LA 450-30	1222.08	500 kg/h	30 m	6 m	3,0 kW	50 mm	35	40 kg
LA 450-40	1225.08	600 kg/h	30 m	6 m	4,0 kW	50 mm	35	55 kg
LA 460-40	1227.08	600 kg/h	50 m	8 m	4,0 kW	60 mm	35	55 kg
LA 460-92	1228.08	800 kg/h	80 m	10 m	9,2 kW	60 mm	35	170 kg
LA 470-92	1038.08	1.800 kg/h	100 m	10 m	9,2 kW	70 mm	35	170 kg

* Advice: the maximum values are depending on the individual products and may not all be reached at the same time
Supply Voltage: 3 x AC 400 V, PE , 50 Hz



1.1 Compressed air connection
1.2 Name plate
1.3 Suction pipe
1.4 Material pipe
1.5 Balance hole
1.6 Female conector
1.7 Controller

Loaders LA 400 with separate 3 phase blower motors

for transportation of: free flowing granulated resins + regrind

- Loaders with 3phase blowers 3,0 kW and up can also be used for free flowing powders

Functions: Each conveying cycle begins with a filter cleaning. The suction valve opens and the implosion inlet and material valve is closed. The outlet flap is sucked against the flap sealing. The loader body is partly evacuated to the max. under pressure the blower can built up. Now the suction valve is released and the implosion inlet opened. Ambient air now flows in as strong air stream through the filter and cleans it from dust and particles. No dust will come out to the environment. In stand by position the material valve and the suction valve remain closed and the implosion inlet is open. During conveying the suction valve and the material valve is open and the implosion inlet is closed. By the air stream created by the blower motor a mixture of air and resin flows from the pick up point into the separator. The granulate settles in the separator and the conveying air gets sucked through the filter and is given back to the atmosphere at the air outlet opening of the blower motor. When the set conveying time has run out the blower motor is switched off, the suction valve and the product valve is gets closed and the implosion inlet is opened. The outlet flap now gets opened and the product in the separator can flow out. A magnet at the outlet flap operates a magnet switch and starts a new conveying cycle, until the containment under the loader is filled up and the outlet flap remains in an open stand-by position.

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