

Pneumatic Grain Conveying



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Rotary Valves and Injectors



CAE 20 receiving hopper mounted below the cyclone in a pure suction installation.

TF injector with inlet hopper.

CAD 20 receiving hopper with inlet hopper and damper.

Rotor for CA 20 receiving hopper fitted with rubber slats.

A rotary valve or an injector delivers the grain into the pipeline in pressure conveying systems.

Injectors are an ideal, simple solution for small capacities.

A rotary intake unit is used for larger capacities. This is driven by a small motor that increases the capacity significantly in comparison with an injector.

Benefits

- Rubber slats provide an excellent seal against air loss.
- The rubber slats can bend to minimise clogging.
- The combination of gear and belt drive protects the intake unit against clogging.
- Belt tension is easily adjusted.
- Standard inlet hoppers and shutters to regulate inlet volumes.

CAD feeder units are used for pressure conveying, while CAE models are used for pure suction conveying.

Blower	TRL 20	TRL 40	TRL 55	TRL 75
Injector	TF 20	TF 40	TF 55	TF 55

Technical specifications	Capacity t/hour 700 kg/m ³	Motor kW/hp	Power supply 50 Hz	Power consumption A	Cell wheel/motor rpm	Weight kg	Connection top/bottom	Max pressure mm VS/Pa	Connected to control cabinet as standard
CAD 20	16	0.55/0.75	3 x 400V	1.33	65/1400	37	OK200/OK160	2000/19600	TRL150-200
CAD 30	26.5	1.5/2.0	3 x 400V	2.3	65/1400	61	OK200/OK160	4000/39200	TRL 300
CAD 40	53	1.5/2.0	3 x 400V	3.1	65/1400	97	OK250/OK160	5000/49100	TRL 500
CAE 20	16	0.55/0.75	3 x 400V	1.33	65/1400	32	OK200/(OK200)*	2000/19600	TRL 150-200
CAE 40	53	1.5/2.0	3 x 400V	3.1	65/1400	89	OK200/(OK200)*	5000/49100	TRL 500

*Optional accessory