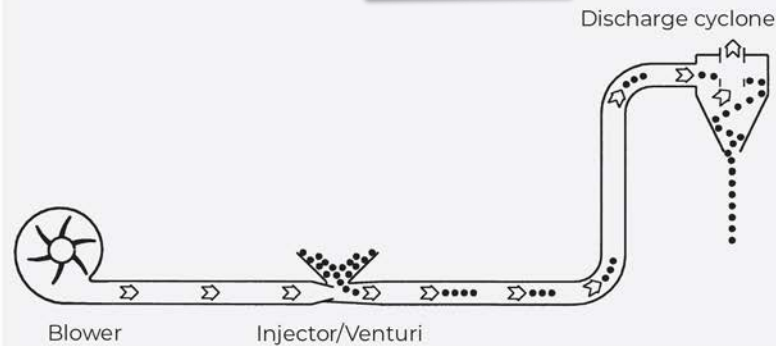
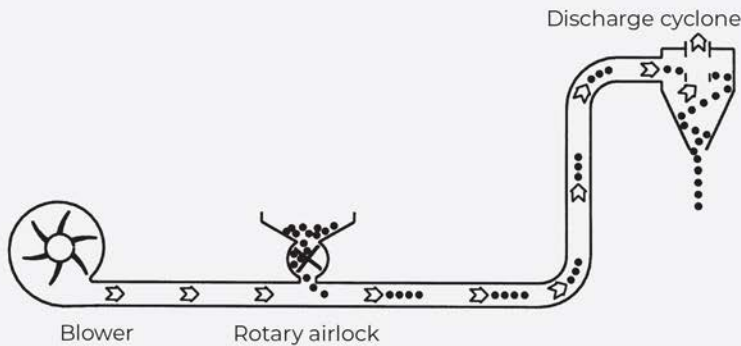


High Pressure Blowers TRL



You've got grain here. You need grain there. How should you move it?

Kongskilde TRL Blowers offer highly customized solutions to moving grain from A to B and beyond.



TRL BLOWERS ARE AVAILABLE FROM 3 TO 100 HP.

Some TRL blower models can use several sizes of motors, so increasing capacities later can be as easy as changing the motor and drive package. The pneumatic systems are economical and practical, with all the flexibility of a modular system that allows installation, expansion and rearrangement via Kongskilde's unique OK160 piping system that requires no tools – so changing the layout to fit current need is simple.

Whether crops need to be conveyed horizontally, vertically or around corners, the quality will be protected by the Electronic Air Regulator.

The Kongskilde solution is to use a high volume of air at low pressure to safely low. **The TRL pneumatic conveying systems are suitable for wheat, barley, oats, rye, corn, canola, soybeans, and many other grains and granular products.** The Kongskilde single- and multi-stage "turbo impeller" fan is precision balanced and rotates freely to ensure a low noise level and continuous capacity regardless of age. The TRL 500, a threestage blower, can deliver a pressure of no more than 5.63 PSI - 155 WG water gauge.

To introduce grain into the grain handling system, choose convey the product. The grain is truly moved on a cushion of air. This system provides an ideal way to fill bins, silos or flat storage.



High Pressure Blowers TRL *cont'd*



The TRL blower creates an airflow in the pipes that conveys the grain. The amount of grain that can be blown through the pipes depends on the blower's power. Kongskilde provides blowers with different output to meet different needs. The small blower models are directly driven, i.e., the blower's rotor is fitted directly to the motor shaft.

BENEFITS

- Blower housings shaped in press toolings
- Dynamically balanced rotors provide smooth running
- Control of the air provides efficient conveying and minimizes pipe wear
- Minimal maintenance



TRL 100 blower with TF 55 injector



The motor directly drives the blower rotor



TRL 50 blower for conveying fines

TECHNICAL SPECIFICATIONS	MOTOR HP (KW)	POWER SUPPLY	AIR VOLUME MAX CFM	AIR PRESSURE MAX PSI (MM WG)	WEIGHT LBS. (KG)	MOTOR RPM
TRL 30	3 (1.5)	115/230V or 230/460V or 575V	1,118*	0.36 (10)	80 (36)	3,600
TRL 50	5 (4.0)		1,530*	0.51 (14)	170 (77)	3,600
TRL 100	10 (5.5)		1,883	1.37 (38)	203 (92)	3,600

* Injector required (minimum back pressure from the injector necessary in order not to overload the motor).

