

RACT

- Heavy Duty Tap Out Actuator



The implementation of Precimeter Technology provides many advantages

- Quality improvements
- Increased productivity
- Documentation of the process
- Raw material savings
- Energy savings
- Better use of manpower

RACT



The RACT is designed to fit almost any tap out application in the molten iron industry. The mechanical parts and properties are very robust and the mounting is very flexible.

There are many options like the possibility to rotate the rod and also an internal cleaning plunger to remove sludge. The drive system is available as either electrical or pneumatic.

When used for filling molds in a fast operating line the drive system uses a servomotor system. RACT has been designed to work with the Precimeter ProFe level sensor.

Technical Specifications

Power requirements:	380 Volts AC, 0,65 kW
Motor control:	Frequency converter
Stroke:	100 mm / Stroke time for max flow is less than 100 ms
Force:	2000 N (500 lbs)
Feedback:	Potentiometer (0-10V)
Set point signals:	0..+10V, +2..+10V, 0...+5V, -10..+10V.
Mounting:	Vertical mounting plate is provided. This plate can slide vertically and can be rotated 360 degrees.
Options	
Stopper rod holder	This rod holder fits almost all rod sizes.
Rod rotation function	The rod is rotated to avoid leakage.
Automated rod cleaning plunger	A steel plunger is driven through the rod to remove sludge.
Emergency closing	In case of power outage.

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