

# Vortex VT22

Turbine Grinder

**Vibration-Reduced  
Adjustable Side Handle**  
for right- or left-hand operation

**Directional Side  
Exhaust** to increase  
operator comfort

**Sealed Angle Head**  
for optimal gear life and  
performance

**Class-Leading 0.89"  
Spindle Offset** for greater  
use of grinding wheel and  
deeper cutting depth

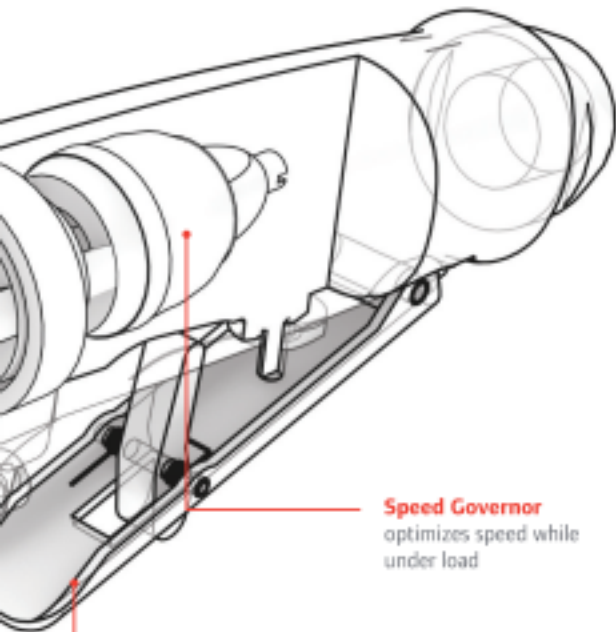
**Matched Wheel  
Flanges** for both  
grinding and cutting

Ingersoll Rand

# VORTEX

## VT22 Turbine Grinder

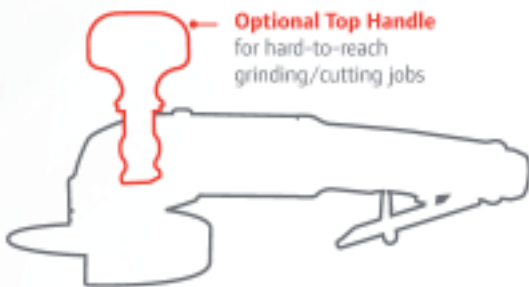
**3.0 HP Motor**  
Powerful twin-stage  
axial turbine motor



**Speed Governor**  
optimizes speed while  
under load

**Throttle Lever**  
low profile and  
self-locking

**Push-Button Spindle  
Lock & Wheel Guard**  
for quick and easy  
wheel changes and  
guard adjustments



**Optional Top Handle**  
for hard-to-reach  
grinding/cutting jobs

**MORE MATERIAL REMOVAL, GREATER CUTTING DEPTH, LESS EFFORT!** Introducing the new Ingersoll Rand 3.0 HP twin-stage 5" turbine grinder. Our new VT22 Turbine Grinder offers a speed governor that maintains the most efficient speed while under load. A spindle offset of only .89" allows greater use of the grinding wheel and a cutting depth of up to 1.6". New productivity features include a single, push button spindle lock that provides dual usage for easy wheel changes and guard adjustments, plus an optional top handle for easy access in tight spaces.

### Specifications

	US Standard	Metric
Part number	VT22-120P105	VT22-120P95M
Rated power	3.0 HP	2.2 kW
Free speed	12,000 rpm	12,000 rpm
Wheel size	5 in	125 mm
Maximum wheel thickness	1/4 in	6 mm
Maximum cutting depth	1.6 in	40 mm
Wheel type	Type 27, Type 1	Type 27, Type 1
Arbor/spindle thread	5/8 in - 11 in	M14
<b>Air Requirements</b>		
Air consumption @ free speed	27 CFM	12.7 L/s
Air consumption at load	84 CFM	39.6 L/s
<b>Noise &amp; Vibration</b>		
Sound pressure/power (ISO15744)	86.4/97.4 dB(A)	86.4/97.4 dB(A)
Vibration level/measurement uncertainty (ISO28927)	5.7/ 2.1 m/s <sup>2</sup>	5.7/ 2.1 m/s <sup>2</sup>
<b>Weights &amp; Dimensions</b>		
Tool weight	4.6 lb	2.1 kg
Tool length	11.6 in	295 mm
Tool height	3.5 in	88.9 mm
Shipping weight	6.4 lb	2.9 kg

Performance figures are at 90 psi (6.2 bar)

Air inlet size: 1/2" NPTF and BSP

Recommended hose size: 1/2" (13mm)



Ingersoll Rand Industrial Technologies provides products, services and solutions that enhance our customers' energy efficiency, productivity and operations. Our diverse and innovative products range from complete compressed air systems, tools and pumps to material and fluid handling systems. We also enhance productivity through solutions created by Club Car<sup>®</sup>, the global leader in golf and utility vehicles for businesses and individuals.

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