



# Bryant RU2

Internal/external grinding machine



Modular multi-surface grinder with extended flexibility to grind most complex components

- Ideal for bore, seat & face applications
- Small machine footprint
- Modular design for various machine configurations
- Granite epoxy bed with thermal stability system
- Exceptional stiffness
- Round bar hydrostatic slide ways
- Conventional & CBN wheel

# A modular grinding machine for a wide range of process operations

The Bryant RU2 is the ideal platform for most common (and uncommon) process operations such as bore, seat and face operations. Its multi-slide option makes it a perfect solution for fuel systems, valve and drive train applications.

## FEATURES

- High acceleration FANUC linear motors for all linear axes
- Granite epoxy bed with thermal stability system
- Positioning with 0.1µm glass scales
- FANUC i series standard
- Spindle speeds up to 120,000 RPM
- Acoustical Emission Monitoring System (A EMS) available

## DRESSING OPTIONS

- High frequency rotary
- Single point diamond
- Radius
- Roll Form
- Ring

## LOADER OPTIONS

- Auto-loader
- Robot loader
- Servo loaders

## GAUGING OPTIONS

- In-process and post-process

Model	Bryant RU2
<b>Grinding capacity</b>	
Max. swing diameter	250 mm <sup>(1)</sup> (9.8")
Max. workpiece length	177 mm (7")
Max. internal grinding diameter	228 mm (9")
Max. internal grinding depth	88 mm (3.5")
<b>Spindles &amp; workhead</b>	
Max. number of spindles	4
Max. ID spindle speed	120,000 rpm
Max. workhead speed	3,000 rpm
<b>Axes &amp; control</b>	
Axis travel X	508 mm 20"
Axis travel Z	2 x 254 mm <sup>(2)</sup> (0.08" x 10")
Axis speed (X & Z)	24,000 mm/min (79 ft/min)
Axis arrangement	Independent
Control	FANUC i series
<b>Dimensions</b>	
Dimensions (W x D x H)	2,440 x 1,520 x 2,110 mm (8' x 5' x 7')
Machine weight	6,300 kg (13,889 lb)



Dual slides in Z for fuel management components

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## CONTACT US

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