Improved Centrifuge Design
Simplifies Fluid/Particle Separation

Benefits

- Extended coolant life
- Improved surface finish
- Longer tool life
- Less machine downtime
- Increased production

Applications

- Centerless grinding
- Form and thread grinding
- Thread rolling
- Glass grinding
- Carbide grinding
- Honing
- Quench oils
- Vibrating finishing

Features of CRS-30 Centrifuge

Effective Solids Removal
- Triple-bowl design removes fine particles.
- Removes both ferrous and nonferrous contaminants.
- Low speed design maintains high speed efficiency.

Reduced Service Requirements
- No replacement cartridges or roll media
- Three times the solids capacity of single bowl centrifuges.
- Bowl cleaning unnecessary between startups.
- One person servicing without tools.

Trouble-Free Operation
- Low speed operation reduces vibration and wear.

Ready for Operation

The CRS-30 centrifuge comes fully assembled, ready for operation. Just position it next to dirty liquid discharge, make electrical and plumbing connections, and fill with appropriate fluid.
This system, as shown, comes completely assembled and ready for installation. Uncrating, positioning, electrical connections, clean coolant plumbing, and start-up are supplied by others. Qualified personnel only should perform these functions. Refer to the 'Installation & Operation Manual' supplied with this equipment for specific instructions.

Specifications
- Centrifuge Drive Motor: 1Hp, 1725 RPM, TEFC, 56 FR
- Centrifuge Feed Pump: 1/2 Hp, 1725 RPM, TENV, 48 FR
- Clean Supply Pump: 1/2 Hp, 1725 RPM, TENV, 48 FR
- Bowl Speed: 700 RPM
- Solids Capacity: 780 Cu. In. (3 U.S. Gallons)
- Reservoir Capacity: 55 U.S. Gallons
- Color:
  - Centrifuge: Pearl Gray
  - Reservoir: Black
- Paint: Powder Coated Epoxy

Operating Conditions
- Designed Primarily For Water-Based Fluids And Oils
- Viscosity Less Than 500 SSU
- Contaminant Density Greater Than Two (2)
- Temperature 35 to 160 Degrees Fahrenheit
- pH: 6 to 9
- Flow Rate:
  - Water: 30 GPM Maximum
  - 300 SSU Oil: 25 GPM Maximum
  - 500 SSU Oil: 20 GPM Maximum

Options
- Electrical Controls
- Higher Pressure Supply Pump
- J.I.C. Style Pumps And Electrical Controls
- Customer Specified Paint
- Platecoil Style Heat Exchanger

For Conditions Or Materials Other Than Those Stated Above, Contact Your Authorized Representative.

3D International, Inc. reserves the right to change or discontinue any model or specification at any time and without notice.
Improved Centrifuge Design
Simplifies Fluid/Particle Separation

Benefits

- Extended coolant life
- Improved surface finish
- Longer tool life
- Less machine downtime
- Increased production

Applications

- Centerless grinding
- Form and thread grinding
- Thread rolling
- Glass grinding
- Carbide grinding
- Honing
- Quench oils
- Vibrating finishing

Features of CRS-15 Centrifuge

Effective Solids Removal
- Two-bowl design removes fine particles.
- Removes both ferrous and nonferrous contaminants.
- Low speed design maintains high speed efficiency.

Reduced Service Requirements
- No replacement cartridges or roll media
- Two times the solids capacity of single bowl centrifuges.
- Bowl cleaning unnecessary between startups.
- One person servicing without tools.

Trouble-Free Operation
- Low speed operation reduces vibration and wear

Ready for Operation

The CRS-15 centrifuge comes fully assembled, ready for operation. Just position it next to dirty liquid discharge, make electrical and plumbing connections, and fill with appropriate fluid.
Model CRS-15
Centrifuge Recirculating System

This system, as shown, comes completely assembled and ready for installation. Uncrating, positioning, electrical connections, clean coolant plumbing, and start-up are supplied by others. Qualified personnel only should perform these functions. Refer to the 'Installation & Operation Manual' supplied with this equipment for specific instructions.

Specifications
- Centrifuge Drive Motor: 1Hp, 1725 RPM, TEFC, 56 FR
- Centrifuge Feed Pump: 1/4 Hp, 1725 RPM, TENV, 48 FR
- Clean Supply Pump: 1/4 Hp, 1725 RPM, TENV, 48 FR
- Bowl Speed: 700 RPM
- Reservoir Capacity: 40 U.S. Gallons
- Color:
  - Centrifuge: Pearl Gray
  - Reservoir: Black
- Paint: Powder Coated Epoxy

Operating Conditions
- Designed Primarily For Water-Based Fluids And Oils
- Viscosity Less Than 500 SSU
- Contaminant Density Greater Than Two (2)
- Temperature 35 to 160 Degrees Fahrenheit
- pH: 6 to 9
- Flow Rate
  - Water- 15 GPM Maximum
  - 300 SSU Oil- 12 GPM Maximum
  - 500 SSU Oil- 10 GPM Maximum

Options
- Electrical Controls
- Higher Pressure Supply Pump
- Customer Specified Paint
- 55 Gal. Reservoir

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