



## Precision Surface Grinders

*A Line of Low-cost, High Performance, Dependable, Highly Accurate, Manual and Hydraulic Surface Grinders*

### Precision Manual Surface Grinders with Table Sizes: 6" x 18" and 8" x 18"

#### Clausing Manual Grinders are Equipped with...

- **FREE Manual Wheel Dresser**
- **FREE Magnetic Chuck**
- **FREE Coolant System**

#### Features:

- High precision cartridge spindle
- Anti-wear guide ways coated with "TURCITE-B"
- Enlarged column and base create high stability & rigidity
- Automatic lube system to lubricate lead-screws and guideways for greater longevity
- Timing belt table drive which has enclosed high tensile steel cores that ensure more smooth table movement and longevity
- Base tool cabinet for storage of tools, fixtures and manuals
- Heavy-Duty cast iron construction

Grinder	CSG-618H	CSG-818H
Table size	6" x 18"	8" x 18"
Max. grinding length	19"	19"
Max. grinding width	6.61	9.375"
Std. magnetic chuck size	6" x 18"	10" x 20"
Longitudinal table travel	20"	20"
Cross transverse travel	7.75"	9.75"
Grinder wheel size	8" x .5"-.75"	8" x .5"-.75"
Handwheel graduations		
Downfeed	0.0002"	0.0002"
Crossfeed	0.001"	0.001"
Handwheel revolution		
Downfeed	0.04"	0.04"
Crossfeed	0.2"	0.2"
Spindle motor	2 HP/3 Phase	2 HP/3 Phase
Spindle speed	3450 RPM	3450 RPM
Shipping weight	1,760 lbs.	2,200 lbs.



8" x 18" manual surface grinder

**Order No. RF58-CSG818H • Price includes FREE Accessories**

F.O.B. Kalamazoo, MI

6" x 18" manual surface grinder

**Order No. RF58-CSG618H • Price includes FREE Accessories**

Specify 230 or 460 voltage

### Precision Hydraulic Surface Grinders with Table Sizes: 6" x 18" and 12" x 24"

#### Clausing Hydraulic Grinders are Equipped with

- **FREE Manual Wheel Dresser**
- **FREE Magnetic Chuck**
- **FREE Coolant System**

#### (2A) Models have:

- Longitudinal Hydraulic Travel
- Motorized Crossfeed

#### (3A) Models have:

- Longitudinal Hydraulic Travel
- Motorized Crossfeed
- Motorized Rapid Up/Down Feed

#### Features:

- Hydraulic longitudinal feed
- High precision cartridge spindle
- Anti-wear guide ways coated with "TURCITE-B"
- Enlarged column and base create high stability & rigidity
- Automatic lube system to lubricate lead-screws and guideways for greater longevity
- Rigid cast iron construction

Grinder	CSG-2A618	CSG-3A1224
Table size	6" x 18"	11.81" x 23.62"
Max. grinding length	19"	23.62"
Max. grinding width	6.61"	11-13/16"
Std. magnetic chuck size	6" x 18"	11.81" x 23.63"
<b>Longitudinal table travel</b>		
Max. travel (hydraulic)	19"	25.59"
Max. travel (manual)	20"	28.74"
Table speed (inf. variable)	196"-984"/min	196"-984"/min
<b>Crossfeed travel</b>		
Auto transverse increment	.04" - .4"	.04" - .75"
Cross transverse travel	7"	12.2"
Handwheel per revolution	0.2"	0.2"
Handwheel per graduation	0.0079"	0.0079"
<b>Wheelhead downfeed</b>		
Rapid travel Approx.	—	6"/min
Handwheel per revolution	.04"	.04"
Handwheel per graduation	0.0002"	0.0002"
Grinder wheel size	8" x .5"-.75"	12" x 1.25"
Spindle motor	2 HP/3 Phase	5 HP/3 Phase
Spindle speed	3450 RPM	1,750 RPM
Shipping weight	2,138 lbs.	5,038 lbs.



6" x 18" Hydraulic longitudinal feed surface grinder

**Order No. RF58-CSG2A618 • Price includes FREE Accessories**

F.O.B. Kalamazoo, MI

12" x 24" Hydraulic longitudinal feed surface grinder

**Order No. RF58-CSG3A1224 • Price includes FREE Accessories**

Specify 230 or 460 voltage

**Other models of Hydraulic Surface Grinders available with 16" x 40" table size.**

# Precision Surface Grinders



## Precision 3-Axis Automatic Surface Grinders with Table Sizes: 6" x 18" up to 16" x 40"

**A Line of Low-cost, High Performance, Dependable, Highly Accurate, Automatic ASDII 3 Axis Surface Grinders**  
Clausing ASDII Grinders are Equipped with:

• **FREE Manual Wheel Dresser** • **FREE Electro Magnetic Chuck** • **FREE Coolant System**

**Features:**

- Vertical feed powered by dual motors, AC motor for rapid up/down and stepping motor for micro downfeed positioning, slow auto downfeed and slow up/down
- Cross traverse travel powered by DC servo motor, allows step feed and continuous infeed grinding

- High quality, ribbed, cast iron table, saddle and base
- Automatic continuous lubrication to minimize wear on slideways & screws
- High Grade Anti-Wear Slideways are hand-scraped and the table is coated with "TURCITE-B"

**1 Year Warranty**

F.O.B. KALAMAZOO, MI



Order No.	RF58- CSG618ASDII	RF58- CSG1228ASD	RF58- CSG1640ASD
Table size	6" x 18"	12" x 28"	16" x 40"
Max. grinding length	19"	28"	40"
Std. magnetic chuck size	6" x 18"	11.81" x 27.56"	15.75" x 39.37"
Max. travel (hydraulic)	19"	30"	41.73"
Table speed inf. variable	196"-984"/ipm	196"-984"/ipm	196"-984"/ipm
Auto traverse increment	.04" - .4"/ipm	.04" - 1"/ipm	.04" - 1"/ipm
Auto constant feeding speed	.79"-12.6"/ipm	.79"-12.6"/ipm	.79"-12.6"/ipm
Auto cross traverse	7"	13.78"	17"
Automatic infeed	.00005"-.0025"	.00005"-.0025"	.00005"-.0025"
Downfeed per graduations	0.0001"	0.0001"	0.0001"
Grinder wheel size	8" x 1/2"-3/4"	14" x 2"	14" x 2"
Spindle motor	2 HP	7.5 HP	7.5 HP
Shipping weight	2,204 lbs.	7,760 lbs.	9,920 lbs.
<b>Price</b>	<b>Price</b>	<b>Price</b>	<b>Price</b>