



# CINCINNATI GEARING SYSTEMS INC.

Manufactured Domestically, Trusted Internationally.™

## MACHINING CAPABILITIES

### TOOTH GRINDING

#### *External Diameter*

Min. .75"  
Max. 63"

#### *Internal Diameter*

Min. 5.0"  
Max. 55"

#### *Diametral Pitch*

Min. 16 NDP  
Max. .75 DP  
Max. Face Width 39"  
Max. Helix Angle 45<sup>0</sup>+/-

### MILLING

Max. X Axis 200"  
Min. X Axis 41.5"  
Max. Y Axis 60"  
Min. Y Axis 20"  
Max. Z Axis 40"  
Min. Z Axis 26"

### HOBBIING

Min. OD .5"  
Max. OD 149"  
Min. NDP 64  
Max. NDP 1.5  
Max. Face Width 54"  
Max. Helix Angle 45<sup>0</sup>

### OD/ID SURFACE GRINDING

#### **External**

Max. OD 42"  
Max. Length 96"

#### **Internal**

Min. OD .75"  
Max. OD 32"  
Min. ID .5"  
Max. ID 24"  
Bore Length 13.5"

### GEAR SHAPING

Max. Internal 55"  
Min. Internal 2"  
Max. NDP 2  
Min. NDP 24  
Max. Face Width 9.4"

### TURNING

Outside Dia. 106.3"  
Max. Height 79"  
Shaft Outside Dia. 32"  
Shaft Length 144"

### QUALITY

AGMA 2000 Q13  
ISO 1328 A4  
ISO 9001:2015  
IATF 16949:2016

