
GILSON ENGINEERING

COAL PREP PLANT PRODUCT GUIDE



[Website: www.gilsoneng.com](http://www.gilsoneng.com)

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Columbus, OH 43235
p (614) 889-2150
f (614) 889-6038

CLEVELAND, OH

4660 Main Hill Drive
Seven Hills, OH 44131
p (440) 543-0300
f (440) 543-1230

CINCINNATI, OH

10984 Main Street #1
Cincinnati, OH 45241
p 800-860-4499
f (412) 348-3042

CHARLESTON, WV

3501 MacCorkle Ave SE #143
Charleston, WV 25302
p (304) 342-0012
f (304) 342-0085

TOLEDO, OH

26953 Mingo Drive
Perrysburg, OH 43551
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LOUISVILLE, KY

2149 Winston Avenue
Louisville, KY 40205
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f 412-348-3042

Michigan, OH

3069 Biber St, Apt 06
East Lansing, MI 48823
p 248-417-1102

ORLANDO, FL

144 Harston Ct
Heathrow, FL 32746
p (407) 444-0334
f (407) 444-0335

TAMPA, FL

6329 Knob Tree Drive
Lithia, FL 33547
p 800-860-4499
f (407)444-0335

MIAMI, FL

1155 97th St #201
Bay Harbor Is, FL 33154
p 800-860-4499
f (407)444-0335

JACKSONVILLE, FL

12369 Burgess Hill Drive
Jacksonville, FL 32246
p 800-860-4499
f (407)444-0335

“PROCESS MEASUREMENT, CONTROL & AUTOMATION”

Plant Infeed



Belt scales
Conveyor motion detection
Raw coal silo level
Truck dump, crusher, bin levels
Coal Tunnel Gas Monitoring

Siemens-[Milltronics MSI/MMI](#)
Siemens [speed switches](#) and [motion failure alarm](#)
Siemens-[Milltronics LR560](#) radar
Siemens-[Milltronics LUT400](#) ultrasonic
MSA [Ultima X5000](#)

Processing



Magnetite bin level
Media & thickener underflow density
Sump Levels, cyclone pressures
Pressure Gages for Severe Service
Chemical tank level
Froth flotation cell level
Belt press safety light curtains
Lubricant flow monitoring
Bearing vibration and temperature

Siemens Milltronics [LR100](#), [LR560](#) radar
[Ronan X96S Nuclear Density](#)
[Rhosonics Slurry Density meter \(non-Nuclear\)](#)
Siemens [P320 series pressure transmitter](#)
WIKA [Pressure Gages](#)
Siemens Milltronics [LR100 radar](#), [LU150 ultrasonic](#)
Siemens Milltronics [LR100](#), [LU150 ultrasonic](#)
Banner Engineering EZ-Screen LS
[UFM \(Universal Flow Monitors\)](#)
[Banner Engineering QM42VT1](#)

Thickener, Clean Coal and Refuse



Thickener pH

Belt scales

Clean coal silo level

Slurry flows

Slurry Pipe Leak Box Fluid Detection

[ECD S80](#) sensors and [T80 transmitters](#)

Siemens [Milltronics MSI/MMI](#)

Siemens-[Milltronics LR560](#) radar gauge

Siemens [MagFlo 5100](#) and [3100 series magnetic](#) flowmeters

Siemens-[Milltronics CLS200](#) point level switches

Balance of Plant



Water tank, pond level

pH & ORP measurement

Wireless for remote signals

Signal isolators and splitters

Panel and field-mount indicators

Gas monitoring– Mine Safety Appliance (MSA)

Alarm and Signaling Horns and Lights

Siemens-[Milltronics LU150 ultrasonic](#)

[ECD S80 sensors](#) and [T80 transmitters](#)

[Elpro](#), [Banner Engineering](#)

[Moore Industries](#)

[Precision Digital](#)

[X5000](#) single point sensors

[Altair4X](#) portable gas detectors

E2S [horns and lights](#)