



VIBRATING EQUIPMENT – APPLICATION DATA FORM

DISTRIBUTOR/LSU: Process Machinery, Inc
1636 Isaac Shelby Drive
Shelbyville, KY 40065
800-860-1523

1. Description of vibrating equipment:

- Incline screen: Angle of installation ____°
 - Horizontal screen
 - Dewaterizer
 - Grizzly feeder
 - Scalper
 - Sizing
- A) Vibrating screen: *Circle* number of decks 1 2 3 4
- B) Grizzly feeder:
1. ____ long _____ grizzly section with ____ opening(s) at the discharge end
(EX: 6' long sloped grizzly section with 4" opening(s) at the discharge end)
 2. How many sections? ____
 3. Length of sections? ____
- C) Size - Width ____ x Length ____ Model/Series: ____
- D) Stroke and speed
- E) Lubrication: Oil (or) grease
- F) Suspended (or) base mounted
- G) Stationary (or) Portable Installation

2. Drawing number: - Per (duplicate of) or Similar to:

3. Drive data:

- A) Motor / high torque (who will supply — Metso or Customer)
1. Horsepower and Speed
 2. NEMA frame number
 3. Shaft dimensions
 4. Hand of drive (determined by standing at feed end, facing in the direction of material flow)

4. Deck preparation: (who will supply — Metso or Customer) (Please complete in any case)

- A) Hooked wire cloth
- B) Modular urethane, rubber: Size of sections and/ or modules _____
- C) Perforated plate; Bolt down.
- a) Size ____ Width ____ Length ____ Thickness ____
- D) Openings (if slot, direction of slot)
- E) Diameter of wires ____ (or) thickness of media ____
- F) Grade of wire (oil tempered, stainless steel; if other, specify)
- G) Profile wire deck specs (for dewaterizer):
1. Width of profile wire
 2. Designation of cross section (Tri-Rods, Iso-Rods, Grizzly Rods, Tilt Rods)
 3. Width of opening
- H) Media Opening Sizes: Total TPH Feed _____
- | | | | |
|-----------|----------------|---------------|----------------|
| 1st Deck: | TPH Feed _____ | Opening _____ | TPH Over _____ |
| 2nd Deck: | TPH Feed _____ | Opening _____ | TPH Over _____ |
| 3rd Deck: | TPH Feed _____ | Opening _____ | TPH Over _____ |

l) Screen Media Data:	Type	Thickness	Wt/Ft ²
1st Deck:	_____	_____	_____
2nd Deck:	_____	_____	_____
3rd Deck:	_____	_____	_____

5. Extras or special items:

- A) Drive guard, feed box, extended discharge lip (how long?), ball decks, etc.
- B) Wet / Dry _____ If wet, stationary (or) live
- C) Manifold: Y / N
- D) Spray pipes: Y / N Which decks? 1 2 3 4

6. Ordering information:

- A) Inquiry number
- B) Price
- C) Method of shipment
- D) Shipping address, contact and phone #

7. Delivery:

- A) Shipping date desired
- B) Unit from stock? If so, can we ship without cloth and V-belt drive, which would follow?

8. Is this equipment for: New installation _____ or Replacement (size and manufacturer) _____

9. Existing Equipment:

- A) Manufacturer
- B) Size - Width _____ x Length _____ Model/Series: _____
- C) Limiting Dimensions (If installation space is restricted) Width _____ x Length _____ x Height _____

10. Application data:

- A) Kind of material
- B) Tons per hour feed
Maximum _____ Average _____ If slurry, GPM _____ Solids % by wt _____ % by vol _____
- C) Size breakdown (or) sieve analysis
- D) Weight per cubic foot
- E) Separations
- F) Moisture content and any peculiar characteristics of material
- G) Particle shape
- H) Condition of material (clay, sticky, dry, wet, damp) % Moisture _____
- I) Operating schedule: hrs/day _____ days/wk _____ wks/yr _____
- J) Efficiency desired
- K) Feed analysis - please provide accurate feed gradation
- L) Product analysis - please provide desired product gradation