

To select/design an appropriate screen deck the following site-specific data is requested.

Contact Data:	
Company: _____	Site Contact: _____
Site: _____	Phone No.: _____ Fax No.: _____
Sales Representative: _____	Phone No.: _____

Background Data:	
Screening Problem:	Pegging <input type="checkbox"/> Blinding <input type="checkbox"/> Wear <input type="checkbox"/>
Current Media Type:	Rubber <input type="checkbox"/> Polyurethane <input type="checkbox"/>
	Woven Wire <input type="checkbox"/> Punched Plate <input type="checkbox"/> Wedge Wire <input type="checkbox"/>
Aperture: Size _____	Shape _____ Relief Angle ____°
Open Area: ____%	Thickness: at Aperture. ____ mm at Frame ____ mm
Screening Duty:	Scalping <input type="checkbox"/> Classification: coarse <input type="checkbox"/> medium <input type="checkbox"/> fine <input type="checkbox"/>
	Media Recovery <input type="checkbox"/> Dewatering <input type="checkbox"/> Desliming <input type="checkbox"/>
Feedrate to Screen (dry): _____	tph
Dry <input type="checkbox"/> or Wet <input type="checkbox"/>	Process? If wet, Feed % solids? ____% Slurry Temp?. ____°C
Current Supplier?	_____
Other Media Tried?:	_____
Problems?:	_____

If Rubber or Polyurethane, what is the Durometer?	_____ Shore ____
If Metallic, what is the grade?	_____
Screen Sample Data Supplied?	Yes <input type="checkbox"/> No <input type="checkbox"/> (If supplied, please attach)
Circuit Flowchart?	Yes <input type="checkbox"/> No <input type="checkbox"/> (If supplied, please attach)
If flowchart is not available, sketch process flow. (Note equipment immediately upstream and downstream of the screen unit, eg. sieve bends, pumps, crushers and mills)	

Customer's Preference:

Media Type: _____

Recommended Aperture: Size _____ Shape _____ Open Area

Screening is generally a compromise between capacity, efficiency, wear life. Please number the following boxes to indicate the order of priority (1 = highest priority, 2 = your second, etcetera)

Capacity Efficiency Wear Life Operating Cost

Site Definition of Efficiency: _____

Material Data:

Material Type: _____ Bulk Density: _____ (t/m³) Moisture: _____ (%)

Feed Size Distribution Supplied? Yes No (If supplied, please attach)

Particle Shape (particular near the cut size): _____

Corrosive Properties: Yes No If yes, what? _____

Screen Data:

Screen ID: _____ Deck Angle: _____⁰

Manufacturer: _____ Serial No.: _____ Size: _____ mm

Screen Speed: _____ rpm Direction: _____ Screen Motion: _____

Screen Stroke: _____ mm Screen G-Force: _____ g and Angle: _____⁰

Screen Drawings? Yes No (If supplied, validate and attach)

If drawings are not available, measure and sketch fixing system (see page 4 for diagrams), note:

- How stringers are attached to the sub-frame or cross members.
- Measure stringer(s) centers from screen side plate and height.
- Central clamp support widths and hole centers.
- Width of side plate angle(s).
- Capping rubber type.

Screening Operation:

No. of Decks: _____ Deck(s) of Interest: _____

Is this a flat or cambered deck If cambered, measure/sketch hook (see page 4)

No. of Products Produced: _____

Product Targets	Product 1	Product 2	Product 3	Product 4
Cut Size (mm)				
Misplacement (%)				
Moisture (%)				
Efficiency (%)				

(If more products, attach details)

Measure and sketch screen deck (see page 5), noting:

- Aperture Pattern.
- Bridge and Dam.
- Weirs, Dams and/or Deflectors.
- Spray Bar position(s). Flowrate: _____ m³/hr Pressure: _____ psi
- Flood Boxes.

Physical Limitations:

How is material presented to the screen? Feed/Pulping Box Directly onto Deck

Is the feedrate fairly constant or surging.

If surging, what is the upper _____ and lower _____ tph?

Is the material distributed evenly across the deck Yes No If No, sketch on page 5.

Is there any undersize channeling to oversize? Yes No If Yes, sketch on page 5.

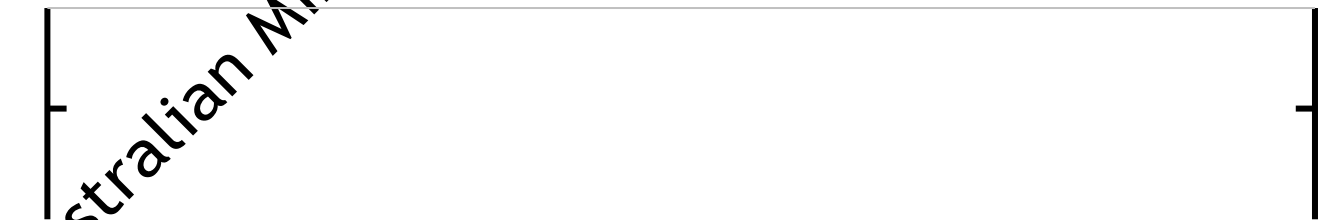
Thank you for completing this form. The information will remain confidential and allow us to recommend the best possible screen media solution.

Please select the most appropriate cambered deck arrangement below and fill in measurement details.

Mat Length: _____ mm No. of Mats: _____ /deck

Hold Down Info:
 Bolt Dia: _____ mm
 Length: _____ mm

If the screen has a flat deck or one of the above cambered decks is appropriate sketch and label with dimensions in this template.



Measure and sketch hook

Australian Mining Pro

Looking onto the screen deck, sketch:

- Aperture Pattern.
- Bridge and Dam.
- Weirs, Dams and/or Deflectors.
- Spray Bar position(s).
- Flood Boxes.

