



earth. steel & us 

PANTHER SERIES

TRACK MOUNT SCREENING PLANTS



Panther Screen Plant in Operating Mode



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INNOVATIVE COMMITMENT AUTOMATE

Taurian



PANTHER SERIES TRACK PLANTS MULTI PRODUCT

FLEXIBILITY

PANTHER SERIES TRACK PLANTS



Vibrating Grid



Vibrating Grid



Engine Room & Hydraulic System



PA-200 During Testing

Model PA 200

1. Hydraulically adjustable screen speed for precise screening capabilities from 25 to 35 degrees. Screen includes wrap around access platform with ladder.
2. Two 650mm wide "Swing-Out" side conveyors discharge at 10 mtrs c/c
3. Controls are user friendly and conveniently mounted for operator control. Auxiliary circuit available to power shredder or off-plant stackers.
4. Patented scissors-action grizzly speeds clean up and minimizes common wedging problems.
5. Pivot mechanism for ease of folding side discharge conveyors.
6. 1000mm wide "Fold-Out" fines conveyor discharges at 13'-7" in the raised position 3mtrs in the lowered position.

Mobility Allows the end user to move the screening plant of the job site with the quick set up time. Plant sets up in under 15 minutes.

Ease of Use No standby operator is required to operate the machine. Reduces operating costs and increase profits.

Versatility Double deck screen allows for multiple material separation with side tensioned top deck screen and end tensioned bottom deck screen. Screen is provided with 2 individual boxes.

High Production Capacities up to 600 TPH of screened material with three on-board stacking conveyors which allow for three salable products to be processed at one time.

SPECIFICATIONS

SCREEN

- 1250 x 2500 Screen / Deck double with variable eccentric shaft; rubber isolators
- Top and bottom deck driven by 1200 RPM vibrating motors
- Fines collecting hopper, top and bottom deck discharge chutes, aggregate spreader and fixed access ladder w/wrap around walkway
- Hydraulic controls for variable angle operation.

FRAME

- 650mm UC Beam
- Hydraulic landing gear for leveling of plant

HOPPER

- 7.5W.MK capacity hopper with 6' x 13' opening
- Heavy duty 25 sloped grizzly with 6" openings

- Hydraulic operative of vibrating grid & angle changing for feed control.

FEEDER

- 1000mm wide belt feeder with hydraulic variable speed drive (0-60 FPM)
- IS/CEMA-B flat carrier idlers on 6" centers
- Belting is 315/3 5/2 plain beet

SIDE CONVEYORS

- 650mm BC-2 & BC-3 swing out conveyors with hydraulic variable speed drive (0-350 FPM); folds for transport
- IS / CEMA-B 35 troughing idlers on 1' centers in loading area
- IS / CEMA-B 45 troughing idlers on 4' centers
- IS / CEMA-B return idlers on 10' centers; return idler guards
- Primary belt cleaner with internal spring tensioner
- Belting is cnevron 315/3, 5/2 M24 N/N.

MAIN CONVEYOR

- 1000mm wide BC-1 conveyor with hydraulic drive (350FPM); folds for transport
- IS / CEMA-B 20 troughing idlers on 4' centers and 1' centers in loading area
- IS / CEMA-B return idlers on 10' centers; return idler guards
- Belting is 315/3, M24 N/N.

FINES CONVEYOR

- 1000 BC-4 conveyor with hydraulic drive (350FPM); folds for transport
- IS / CEMA-B 20 troughing idlers on 4' centers
- IS / CEMA-B return idlers on 10' centers; return idler guards
- Primary belt cleaner with internal spring tensioner
- Belting is 315/3, 5/2 M24 N/N.

POWER & HYDRAULICS

- 93 kw DEUTZ / Joh Deere/CUMMINS turbo charged diesel; 150 gallon fuel tank; 12 volt battery
- Engine mounted hydraulic pumps to operate all plant functions
- 100 gallon hydraulic reservoir with return filter
- NEMA-4 rated instrument panel; Murphy shut-off switch, tachometer, hour meter, voltmeter, oil pressure gauge, oil temperature gauge and emergency stop

TRACKS

- 600 mm triple bar track shoes
- 26 mph creep speed / 82 mph high speed

Operational Length	:16 Mtrs	Estimated Weight	:35000 KGS
Operational Width	:13 Mtrs	Operational Height	:6 Mtrs
Travel Length	:15 Mtrs	Travel Height	:4.5 Mtrs
Travel Width	:3.5 Mtrs		

Capacity: Available

Side Discharge Conveyor stockpile: 200 tons Fine Discharge Conveyor stockpile: 200 tons

Production:

Sand & Gravel up to 600TPH Topsoil up to 400TPH

*** Ask for variants of PA Series (Capacity of 200, 300, 500, 600 available)

