



# 390 HYDRASCREEN

The fully mobile  
screener to out  
perform all others

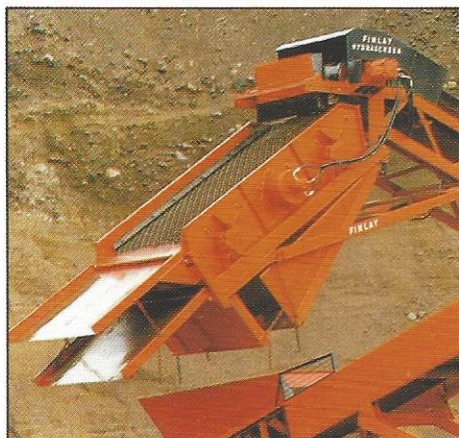
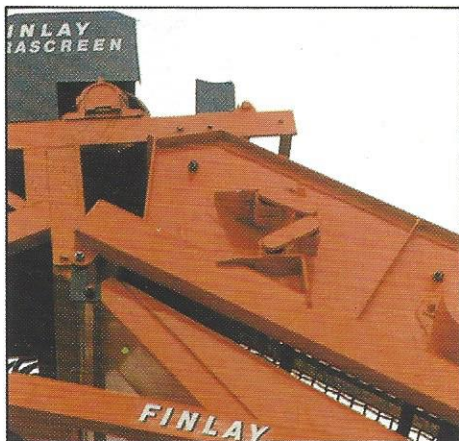


***Finlay, recognised world-wide for mobile  
screening technology, performance and  
reliability.***





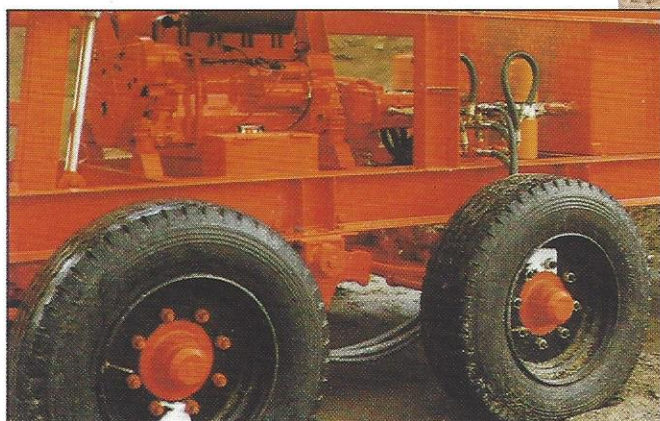
## 390 HYDRASCREEN d high profit, economical



Finlay's reputation for innovation in design, technology and manufacturing expertise is internationally acclaimed. Their continuous programme of research and development to maintain the highest standards of equipment to completely satisfy customer requirements is regarded as paramount.

The new Finlay 390 Hydrascreen, the latest mobile screening machine is built to the high standards of rugged reliability to produce the maximum outputs, profitably and economically.

This machine incorporates an infinitely variable speed belt feeder hopper, which has the option of hydraulic tipping grid which can be fitted with remote control.





# Designed for high performance, screening production.

## **Mobility**

The Finlay 390 Hydrascreen is mounted on a heavy duty road trailer with double axle and fitted with fifth wheel coupling to provide maximum on and off site portability. The four pneumatic tyred wheels provide increased stability.

## **Finlay hydraulic screen angling facility**

Designed and manufactured by Finlay's is the unique hydraulic screen angling facility. The vibrating screen working angle is instantly adjustable through a 30° angle by operating an hydraulic control valve. The angle of incline being vitally important for optimum screening efficiency. No tools or lifting equipment is required therefore the operator can quickly and simply adjust the screen to suit material conditions and obtain maximum screening performance.



## **Heavy duty belt feeder hopper**

The 7.5m cu. capacity, heavy duty hopper feeding a 1050mm (42") wide belt will handle most difficult materials. The infinitely variable speed belt control ensures maximum screening efficiency.

A standard grid unit of rugged construction with fixed or manual tipping can be supplied with bar spacing to suit requirements. The option of hydraulic tipping grid by remote control or hydraulic control valve is available.

## **Control console**

A major advantage of Finlay mobile screening machines is the centrally located, ground level control console providing easy access to all functions. The operator can quickly and easily optimise production preventing unnecessary downtime.

## **Power Unit**

Every machine in the Finlay range is fitted with the most suitable power unit for maximum, reliable, efficient performance. The 390 Hydrascreen uses either Deutz or Lister diesel engines of approximately 70HP capacity with direct coupled tandem pumps.

The power units have the facility to also drive three Finlay stockpilers, screen box, main conveyor and chassis fully hydraulic adjustment.

The engine, hydraulic unit and fuel tank are mounted on an independent frame allowing for "slide-in" units to be factory fitted to suit customer specification.

The option of electric/hydraulic drive is also available.

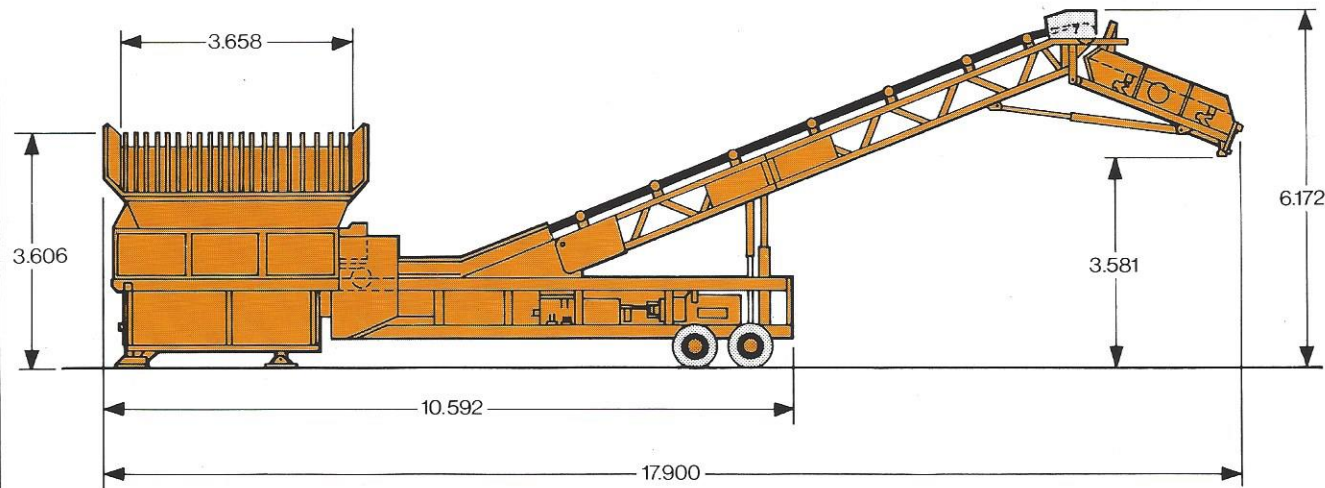
## **Vibrating Screen**

The 2.5m (8ft) x 1.52m (5ft) screen box is fitted with oscillating mountings to provide excellent performance. No coil spring failure, therefore longer trouble and maintenance free life. Excellent noise reduction provides a more environmentally acceptable machine. The screen incorporates mesh or Perma Deck having tensioning within the screen box frame which eliminates cassettes or mounting frames.

## **Options**

- Hopper protection plates, side and rear
- Hydraulic tipping grid by remote control or hydraulic control valve
- Axles or suspension set with one or both axles braking
- Catwalk along mainframe for easy access
- Electric/hydraulic drive
- Catwalk for easy screen box access
- Fully enclosed sand chute.





**FEED HOPPER** Capacity 7.5m<sup>3</sup> incorporating heavy duty hopper feeding onto a 1050mm (42") wide belt. Belt speed is adjustable through with variable control speed valve.

**REJECT GRID** Standard robust type grid unit either fixed or manual tipping with any desired bar spacing. Optional, hydraulic tipping grid by remote control or hydraulic control valve.

**MAIN CONVEYOR AND CHASSIS** Main structure in steel with full length decking plate. Conveyor belt 1m (40") wide. Chassis manufactured in 200x76mm channel into a road trailer with double axle.

Chassis fitted with hydraulic jacking legs to lift machine into towing position and lower to working position.

**POWER UNIT AND HYDRAULIC DRIVE** Deutz or Lister diesel power unit approx. 70HP with tandem pumps direct coupled. Power units mounted on "skid frame" for factory fitted units to suit customer specification.

**VIBRATING SCREEN** 2.5m (8ft) x 1.52m (5ft) 2 bearing fully floating type with heavy duty double roller bearing. Mesh or Speedscreen having tensioning incorporated within the screen box.

**CAPACITY** Big capacities are attainable depending on nature of materials and conditions. To determine capacity your distributor will advise you accurately regarding output upon examining your particular application.

*The manufacturer reserves the right to alter specifications without prior notice.*



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