

CRUSH | SCREEN | WASH



Crushing Product Range



JAW | CONE | IMPACTOR



Welcome



Powerscreen is an expert in the design and manufacture of mobile crushing, screening and washing equipment. Galvanising global resources, decades of experience and in-depth industry knowledge to bring to the market a comprehensive product portfolio for the aggregate, mining, recycling and contracting industries. Powerscreen products operate in the toughest environments and feature nominal set-up times, market leading productivity rates and excellent reliability.

Powerscreen's worldwide network of over 120 local dealers deliver unbeaten customer support, from ensuring you get the right parts the first time, to providing experienced field engineers should you need them. Our robust and reliable machinery aims to increase your productivity and efficiency. We support the dealer in delivering the complete customer experience from local sales, advice, installation, genuine parts, service and finance.

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Customer Support

World class customer support is at the heart of the Powerscreen® brand. In partnership with our global dealer network, we work with our customers to understand equipment requirements and to select the machine most suited to their business needs. Powerscreen customer support incorporates a range of services including technical support, warranty and financial services.

Technical Support

The combination of our global dealer network and factory service personnel ensure that we have the ability to provide an extensive range of services when you require them. Whether you have one piece of equipment or many, the success of your business is important to us. Our highly skilled engineers are involved from commissioning a plant, inspections, through to regular maintenance to keep your Powerscreen® products operational.

Powerscreen provide a comprehensive training programme for all dealer's service staff, equipping them with the correct skills, knowledge, methods and practices to support you.

Warranty

Powerscreen warrants its new equipment to be free of defects in material or workmanship for a specified period from the date the equipment is first placed into service. Model specific warranty details are available from your local dealer.

Terex Financial Services

Terex Financial Services can help meet your equipment needs by managing your financial goals through a variety of customised financing solutions. For more information please contact:

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To find out more about the Powerscreen® product range and our customer support contact your local dealer.

You can find your local Powerscreen dealer at:

www.powerscreen.com



Pegson Metrotrak & Pegson Metrotrak HA



The Powerscreen® Pegson Metrotrak is a compact, high performance track mobile jaw crushing plant. With an aggressive crushing action and a high output even at tight settings, the Pegson Metrotrak is ideally suited for small to medium sized operators in the mining, quarrying and recycling industries.

The Pegson Metrotrak HA builds on the features of the Pegson Metrotrak by including hydraulic adjustment which offers users the benefit of quickly and easily changing the size of finished product.

Features & Benefits

- Heavy duty fabricated chassis and track frame
- Stepped self-cleaning grizzly feeder
- Fully skirted product conveyor
- Grizzly by-pass and fines chute
- Hydraulically folding feed hopper
- Dust suppression system
- Economical to operate with a highly fuel efficient direct drive system

Options

- Dirt conveyor
- Single pole/twin pole magnet
- Radio remote control
- Belt weigher
- Hydraulic water pump
- Electric refuelling pump
- Underscreen wire mesh: 10, 20, 30, 40 or 50mm

Output Potential: up to 200 tph (220 US tph)*

Pegson Metrotrak	
Weight (Est)	27,200kgs (59,965lbs)
Transport width	2.4m (7'10")
Transport length	13.12m (43')
Transport height	3.2m (10'6")
Working width	3.87m (12'8")
Working length	13.12m (43')
Working height	3.4m (11'2")

Pegson Metrotrak HA	
Weight (Est)	27,800kgs (61,288lbs)
Transport width	2.4m (7'10")
Transport length	13.12m (43')
Transport height	3.2m (10'6")
Working width	3.87m (12'7")
Working length	13.12m (43')
Working height	3.4m (11'2")



Pegson XA400S & Pegson XR400S



The Powerscreen® Pegson X400S range of high performance primary jaw crushing plants are designed for medium scale operators in quarrying, demolition, recycling and mining applications. The range includes the Pegson XA400S with hydraulic adjust and the Pegson XR400S with hydraulic release. User benefits include track mobility for a quick set-up time (typically under 30 minutes,) hydraulic crusher setting adjustment for total control of product size and crusher overload protection to prevent damage by uncrushable objects.

Features & Benefits

- High output and excellent reduction capability
- Hydraulic folding feed hopper with boltless fixing system
- Excellent under crusher access with a hydraulic tilting conveyor system
- Economical to operate with a highly fuel efficient direct drive system
- Forceful crushing action with high swing jaw
- Height adjustable product conveyor
- Extended hopper – hydraulically folding

Options

- Deflector plate under crusher
- Dirt conveyor
- Single pole/twin pole magnet
- Radio remote control
- Belt weigher
- Electric refuelling pump
- Hydraulic water pump
- Underscreen wire mesh: 10, 20, 30, 40 or 50mm

Output Potential: up to 400 tph (441 US tph)*

Pegson XA400S	
Weight (Est)	44,750kgs (98,656lbs)
Transport width	2.8m (9'2")
Transport length	15.2m (49'10")
Transport height	3.4m (11'2")
Working width	4.3m (14'1")
Working length	15m (49'3")
Working height	4.1m (13'5")

Pegson XR400S	
Weight (Est)	44,750kgs (98,656lbs)
Transport width	2.8m (9'2")
Transport length	15.2m (49'10")
Transport height	3.4m (11'2")
Working width	4.3m (14'1")
Working length	15m (49'3")
Working height	4.1m (13'5")

Pegson 1180 Premiertrak



The Powerscreen® Pegson 1180 Premiertrak is a medium to large scale mobile primary jaw crusher plant which achieves high outputs in a variety of quarrying, recycling and contract crushing applications. The crusher features a high swing jaw with a forceful motion that improves feed entry into the crushing chamber to maximise throughput and allow for excellent reduction. User benefits include low fuel consumption, track mobility and simplified set-up, operation and maintenance.

Features & Benefits

- High output and excellent reduction capacity
- Hydraulically folding hopper fitted as standard
- 2 way dirt chute
- Heavy duty chassis and track frame
- Aggressive stroke with high swing jaw
- Fully skirted product conveyor with hydraulic tail lift
- Economical to operate with a highly fuel efficient direct drive system
- Oversize cartridge encased mainframe bearings
- Dust suppression system

Options

- Grizzly bars
- 600mm (2') wide hydraulically folding dirt conveyor
- 800mm (2'6") wide hydraulically folding dirt conveyor
- Single pole/twin pole magnet
- Belt weigher
- Electric refuelling pump
- Hydraulic water pump
- Radio remote control

Output Potential: up to 450 tph (496 US tph)*

Pegson 1180 Premiertrak	
Weight (Est)	56,699kgs (124,737lbs)
Transport width	2.74m (9')
Transport length	16.6m (54'6")
Transport height	3.66m (12')
Working width	4.2m (13'8")
Working length	16.6m (54'6")
Working height	4.27m (14')



Pegson XA750



The Powerscreen® Pegson XA750 jaw crusher is one of the most advanced and efficient tracked crushing plants on the market for large scale operators. The Pegson XA750 is capable of producing high volumes of excellently shaped product. Key features include an unrestricted feed opening which maintains high production capacities and prevents bridging, a hydraulic closed side setting adjustment system and a hydraulic draw back rod retention system. User benefits include hydraulically adjustable product conveyor for ease of transport and low running costs associated with the direct drive crusher system.

Features & Benefits

- High output and excellent reduction capabilities
- Excellent under crusher access with a hydraulic tilting conveyor system
- Hydraulic folding hopper with over centre struts and wedgelock system
- Hydraulic draw back mechanism keeps jaw stock in tension on toggle plate
- Modular design heavy duty chassis and track frame, can be dismantled for transport (hopper/feeder module)
- Fuel efficient direct drive system
- Hydraulic live 2 deck screening unit bolt in cartridge style grizzly section and underscreen mesh

Options

- Grizzly bars
- 800mm (2'6") wide hydraulically folding dirt conveyor
- Single pole/twin pole magnet
- Radio remote control
- Belt weigher
- Hydraulic water pump
- Product conveyor dust shroud

Output Potential: up to 750 tph (827 US tph)*

Pegson XA750	
Weight (Est)	72,000kgs (158,400lbs)
Transport width	3.2m (10'6") without dirt conveyor 3.55m (11'8") with dirt conveyor
Transport length	17.7m (58'1")
Transport height	4.18m (13'8") pre-cleaner removed
Working width	4.26m (14') without side conveyor 8.42m (27'8") with side conveyor
Working length	17.5m (57'5")
Working height	5.44m (17'10")

Pegson 1000 Maxtrak & Pegson 1000SR



The high performance Powerscreen® Pegson 1000 Maxtrak is a small to medium sized cone crusher which has been designed for direct feed applications without pre-screening on clean rock. At its heart is the Automax® cone crusher which provides excellent reduction and product cubicity for the production of high quality aggregate and sub-base material. Hydraulic release capabilities are designed so that any uncrushable material entering the chamber is safely discharged.

The Powerscreen® Pegson 1000SR features a re-circulating conveyor and a double deck screen to provide the complete crushing and screening process on a single chassis. Suitable for secondary and tertiary applications, the Pegson 1000SR can produce up to three products when oversized material doesn't require re-circulation to the crusher.

Features & Benefits

- Renowned Automax® crusher technology
- Accepts clean all in feed
- Excellent product shape
- High reduction ratio
- Cone feed box level control to maintain choke feeding
- Hydraulic crusher setting
- Cone overload protection
- Heavy duty chassis and track frame
- Metal detector
- Dust suppression system
- Economical to operate with a highly fuel efficient direct drive system
- Combines crushing and screening capabilities on a single plant (Pegson 1000SR)
- Suitable for re-circulating oversized material (Pegson 1000SR)

Options

- Concaves: extra coarse, medium coarse, Autosand®
- Short throw eccentric
- Feed hopper extension plates
- Feed hopper level sensor
- Product conveyor belt weigher
- Electric refuelling pump
- Hydraulic water pump
- Radio remote control
- Additional stockpiling for mid-grade product (Pegson 1000SR)

Output Potential: up to 230 tph (253 US tph)*

Pegson 1000 Maxtrak	
Weight (Est)	31,800kgs (70,100lbs)
Transport width	2.8m (9'2")
Transport length	14.5m (47'7")
Transport height	3.45m (11'4")
Working width	2.8m (9'2")
Working length	14.5m (47'7")
Working height	4.1m (13'5")

Pegson 1000SR	
Weight (Est)	38,500kgs (84,900lbs)
Transport width	3.1m (10'2")
Transport length	17.2m (56'5")
Transport height	3.45m (11'4")
Working width	3.1m (10'2")
Working length	17.4m (57'1")
Working height	5.4m (17'9")



Pegson 1300 Maxtrak



The Powerscreen® Pegson 1300 Maxtrak is a medium to large sized track mobile cone crusher which is ideally suited to secondary applications such as taking an all in feed from a primary crusher. Based around the 1300 Automax® cone crusher, the plant excels in the production of sub-base or aggregates, providing excellent cubicity, throughput and reduction ratios.

Features & Benefits

- Renowned Automax® crusher technology
- Excellent product shape
- High reduction ratio
- Cone feed box level control to maintain choke feeding
- Hydraulic crusher setting
- Cone overload protection
- Heavy duty chassis and track frame
- Metal detector
- Dust suppression system
- Economical to operate with a highly fuel efficient direct drive system

Options

- Concave: medium coarse, Autosand®
- Feed hopper extension plates
- Feed hopper level sensor
- Product conveyor belt weigher
- Electric refuelling pump
- Hydraulic water pump
- Radio remote control

Output Potential: up to 350 tph (386 US tph)*

Pegson 1300 Maxtrak	
Weight (Est)	46,300kgs (102,100lbs)
Transport width	3m (9'10")
Transport length	15.3m (50'2")
Transport height	3.8m (12'6")
Working width	3m (9'10")
Working length	15.4m (50'6")
Working height	4.5m (14'9")

Pegson 1500 Maxtrak



The Powerscreen® Pegson 1500 Maxtrak due to be launched in 2011, will be one of the largest track mobile cone crushers on the market. Specifically developed for larger users, the plant can accept an all in feed from a primary crusher to produce large volumes of aggregate.

With the Powerscreen® Pegson 1500 Automax® cone crusher, operators benefit from hydraulic overload protection, a large throughput, excellent product cubicity and a high reduction ratio.

Features & Benefits

- Renowned Automax® crusher technology
- Excellent product shape
- High reduction ratio
- Cone feed box level control to maintain choke feeding
- Hydraulic crusher setting
- Cone overload protection
- Heavy duty chassis and track frame
- Large feed hopper with folding sides, wear resistant liners and crash box
- Feed conveyor folds for maintenance and removes for transport
- Metal detector
- Dust suppression system
- Electric refuelling pump
- Plant lighting
- Intelligent PLC control system
- Economical to operate with a highly efficient direct drive system

Options

- Product conveyor belt weigher
 - Hydraulic water pump
 - Radio controlled tracks
- Feed conveyor, feed box and contaminated divert chute transported separately.

Output Potential: up to 950 tph (1047 US tph)*

Pegson 1500 Maxtrak	
Weight (Est)	90,000kgs (198,500lbs) Complete plant
Transport width	3.5m (11'6")
Transport length	21.9m (71'10")
Transport height	3.8m (12'6")
Working width	5.1m (16'9")
Working length	24.3m (79'9")
Working height	6.3m (20'8")



Pegson XH250



The Powerscreen® Pegson XH250 horizontal shaft impactor is a compact track mobile crusher designed for small to medium sized operators in the recycling and demolition markets. Capable of processing a wide range of material at a high output, the plant is versatile, easy to operate and fuel efficient due to its direct drive system.

Featuring the Powerscreen® Pegson XH250 fixed hammer horizontal impactor, the plant offers users both excellent reduction and a high consistency of product shape alongside key features such as hydraulic overload protection.

Features & Benefits

- Replaceable tine bar cartridge style grizzly feeder
- Load management system to control feeder speed
- Crusher chamber: Hydraulic overload protection and adjustment. Patent Publication Numbers: GB 2 455 203; US 2009/0140089; DE 10 2008 044 195
- 4 bar rotor and twin apron design
- Reversible and easy to change blow bars
- Independent under crusher vibrating pan feeder
- Economical to operate with a highly fuel efficient direct drive system
- Crusher speed and conveyor height controlled with PLC system
- Designed for increased scalping efficiency and high reduction ratio

Options

- Full and half size chrome, martensitic, austenitic and ceramic blow bars
- Tine bar spacing nominal 36, 46mm
- Blanking plates/mats for grizzly
- Underscreen wire mesh 10, 20, 30, 40, or 50mm
- Single pole/twin pole magnet
- Belt scale
- Side dirt conveyor
- Refuelling pump
- Plant lighting mast
- Hydraulic water pump
- Radio remote control

Output Potential: up to 250 tph (275 US tph)*

Pegson XH250	
Weight (Est)	26,000kgs (57,320lbs)
Transport width	2.5m (8'2")
Transport length	13m (42'8")
Transport height	3.1m (10'2")
Working width	4.06m (10'2")
Working length	12.8m (41'10")
Working height	3.1m (10'2")

Pegson XH320 & Pegson XH320SR



The Powerscreen® Pegson XH320 is a mid-sized horizontal impact crusher designed to offer operators and contractors both excellent reduction and high consistency of product shape for performance in quarry and recycling applications. With track mobility the plant is capable of working in the most demanding environments and features a rapid set-up time, fuel efficient direct drive system and excellent throughput capacity.

The Powerscreen® Pegson XH320SR features a screen and recirculating (SR) conveyor which returns oversized product to the crusher for further reduction.

Features & Benefits

- Suitable for a variety of feed materials including recycling, demolition and quarry applications
- Bolt in cartridge grizzly – 42mm nominal spacing
- Load management system to control feeder speed
- Crusher chamber: Hydraulic overload protection and adjustment. Patent Publication Numbers: GB 2 455 203; US 2009/0140089; DE 10 2008 044 195
- 4 bar rotor and twin apron design
- Crusher speed variation through user friendly PLC control system
- Independent under crusher vibrating pan feeder
- Modular conveyor with raise/lower facility to aid clearance of rebar
- Economical to operate with a highly fuel efficient direct drive system
- Double deck 11' x 5' post screen (XH320SR)

Options

- Full and half size chrome, martensitic, austenitic and ceramic blow bars
- Grizzly cartridges, nominal spacing 30 or 60mm
- Punch plate options 30, 45 or 60mm
- Blanking plates/mats for grizzly
- Underscreen wiremesh 10, 20, 30, 40, or 50mm
- Single pole/twin pole magnet
- Belt scale
- Side dirt conveyor
- Refuelling pump
- Hydraulic water pump
- Radio remote control
- Dust hood on product conveyor

Output Potential: up to 320 tph (352 US tph)*

Pegson XH320	
Weight (Est)	32,400kgs (71,429lbs)
Transport width	2.56m (8'5")
Transport length	14.45m (47'5")
Transport height	3.42m (11'2")
Working width	4.22m (13'8")
Working length	14.2m (46'7")
Working height	3.42m (11'2")

Pegson XH320SR	
Weight (Est)	40,200kgs (88,600lbs)
Transport width	3.1m (10'1")
Transport length	16.22m (53'2")
Transport height	3.44m (11'2")
Working width	4.75m (15'5")
Working length	16.22m (53'2")
Working height	4.46m (14'6")

Pegson XH500 & Pegson XH500SR



The Powerscreen® Pegson XH500 is the flagship horizontal shaft impactor. It is versatile, efficient and highly productive, offering both excellent reduction and a high consistency of product yield in quarrying, recycling and demolition applications. It is ideally suited to contract crushing due to its high productivity and ease of set-up, operation and maintenance.

The Powerscreen® Pegson XH500SR offers further versatility in operation with a screen recirculating (SR) conveyor which returns oversized product to the crusher for further reduction.

Features & Benefits

- Suitable for a variety of feed materials including recycling, demolition and quarry applications
- Load management system to control feeder speed
- Live pre-screen (XH500 SR)
- Independent under crusher vibrating pan feeder
- Impact crusher with hydraulic overload protection
- 4 bar rotor with twin apron design
- Crusher speed variation through user friendly PLC control system
- Modular conveyor with raise/lower facility to aid clearance of rebar
- Economical to operate with a highly fuel efficient direct drive system
- Hydraulically folding recirculation conveyor, no crane required during set-up (XH500 SR)

Options

- Full and half size martensitic, austenitic, chrome, ceramic blow bars
- Vibrating grizzly feeder with 48mm nominal grizzly spacing
- Wire mesh for grizzly underscreen 10, 20, 30, or 50mm
- Optical belt scale
- Single pole/twin pole magnet
- Dirt conveyor
- Electric refuelling pump
- Hydraulic water pump
- Radio remote control

Output potential up to 500 tph (550 US tph)*

Pegson XH500	
Weight (Est)	52,000kgs (114,650lbs)
Transport width	3.0m (9'10")
Transport length	17.9m (58'8")
Transport height	3.8m (12'6")
Working width	7m (22'11")
Working length	17.6m (57'9")
Working height	4.36m (14'4")

Pegson XH500SR	
Weight (Est)	67,000kgs (147,710lbs)
Transport width	3m (9'10")
Transport length	19.09m (62'7")
Transport height	3.8m (12'6")
Working width	7.1m (23'4")
Working length	20.7m (67'11")
Working height	5.47m (17'11")

Pegson XV350



The Powerscreen® Pegson XV350 vertical shaft impactor is designed for users requiring a plant that excels at producing high specification, shaped products.

Numerous crushing configurations allow the versatile Pegson XV350 to produce materials suitable for applications including road building, concrete manufacture, manufactured sand, slag, and glass recycling.

Features & Benefits

- Exceptionally versatile due to interchangeable crushing configurations
- Excellent product shape
- Economical to operate with a highly fuel efficient direct drive system
- Hydraulic lid lift mechanism for quick and safe maintenance of wear parts
- Feed regulator for optimum feeding which stops the feed belt if a blockage occurs
- Variable speed feed belt
- Automatic crusher lubrication system with temperature and flow analysis
- 3.5m (11'4") product conveyor discharge height
- Hydraulic water pump

Options

- Feed hopper extension plates
- Feed hopper level sensor
- Product conveyor belt weigher
- Product conveyor dust shroud
- Electric refuelling pump
- Radio remote control

Chamber Configuration Options

- High speed 5 port rotor and rock shelf
- High speed 5 port rotor and drop in anvils
- Heavy duty 4 port rotor and rock shelf
- Heavy duty 4 port rotor and drop in anvils
- Open shoe table and vaulted anvils
- Open shoe table and drop in anvils

Please speak to your local dealer to select the right configuration for your application.

Output Potential: up to 350 tph (386 US tph)*

Pegson XV350	
Weight (Est)	37,000kgs (81,600lbs)
Transport width	3m (9'10")
Transport length	15.3m (50'3")
Transport height	3.8m (12'6")
Working width	3m (9'10")
Working length	15.4m (50'6")
Working height	4.4m (14'9")



Additional Product Ranges

Screening

Powerscreen designs and manufactures a world class range of mobile screening equipment boasting excellent productivity and reliability for our customers in the material processing industries. The core product range includes the Chieftain range of mobile incline screens designed for the processing of aggregates and sand; the Warrior range which are high capacity, heavy duty, versatile machines capable of screening and separating a wide variety of material; and the H range which feature horizontal screens for handling high volumes of sticky material and for fine sizing applications.



Washing

Worldwide shortages of natural sand and gravel exacerbated by higher aggregate specifications have created a requirement for contaminated materials to be washed. Powerscreen designs and manufactures a world class range of mobile and static washing systems to carry out this process.

The Powerscreen® Washing range includes complete turn key plants, Finesmaster Sand Classification Systems, Trident Dewaterers, Logwashers, Feeder Units, Stockpiling Conveyors and the new complete wash plant Aggwash.



Parts

Powerscreen supplies a complete range of genuine crushing, screening and washing spare parts that are designed specifically for use in Powerscreen® equipment. Use genuine Powerscreen® parts for performance and reliability.

Access to genuine Powerscreen® parts has never been easier, with each of our 125 dealers holding a wide range of parts specifically tailored to local requirements. Any part that is not immediately available can be ordered by your local dealer from our Parts Centres in Ireland, the USA and India.



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