

Crushing Product Range









Welcome

Customer Support



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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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



Jaw Range



Powerscreen® Pegson mobile jaw crushers are designed to meet the primary crushing needs of customers in the mining, quarrying and recycling industries. These high performance products are reliable, economical and productive.

Pegson Metrotrak & Pegson Metrotrak HA



The Powerscreen® Pegson Metrotrak is a compact, high performance track mobile jaw crushing plant featuring the "M" series single toggle jaw crusher. 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.

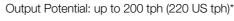
The Pegson Metrotrak HA builds on the features of the Pegson Metrotrak by including hydraulic adjustment which offers users the benefit of quickly and easily changing the size of finished product.

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
- Efficient direct drive

Options

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



Pegson Metrotrak		
Weight (Est)	27,200kgs (59,965lbs)	
Transport width	2.4m (7'9")	
Transport length	13.12m (43')	
Transport height	3.2m (10'5")	
Working width	3.87m (12'7")	
Working length	13.12m (43')	
Working height	3.4m (11'2")	

Pegson Metrotrak HA			
Weight (Est)	27,800kgs (61,288lbs)		
Transport width	2.4m (7'9")		
Transport length	13.12m (43')		
Transport height	3.2m (10'5")		
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 efficient direct drive system
- Forceful crushing action with high swing jaw
- · Hydraulic oil and filter changes only required after 2000 hours
- Height adjustable product conveyor
- Extended hopper hydraulically folding

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

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

44,750kgs (98,656lbs)
2.8m (9'2")
15.2m (49'10")
3.4m (11'2")
4.3m (14'1")
15m (49'3")
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 that acheives 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 a 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 fabricated chassis and
- Aggressive stroke with high swing jaw
- Fully skirted product conveyor with hydraulic
- Oversize cartridge encased mainframe bearings
- · Low fuel consumption due to high efficiency drive system
- Dust suppression system

Options

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

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

Pegson 1180 Premiertrak	
Weight (Est)	56,699kgs (124,737lbs)
Transport width	2.74m (9'9")
Transport length	16.6m (54'6")
Transport height	3.66m (12'6")
Working width	4.2m (13'8)
Working length	16.6m (54'6")
Working height	4.27m (14'7")





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
- 1300mm wide plain troughed main conveyor with a 3.93m (12'6") discharge height
- 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 which can be dismantled for transport (hopper/feeder module)
- Minimal set-up time

Options

- Hydraulic live pre-screening unit with bolt in cartridge style grizzly section
- Single pole/ twin pole magnet
- Radio remote control
- Belt weigher
- Hydraulic water pump
- Underscreen
- Product conveyor dust shroud
- 800mm (2'6") wide dirt conveyor

Cone Range



The Powerscreen range of mobile cone crushers are suitable for secondary and tertiary crushing in direct feed applications. The range uses advanced crusher technology to provide high volumes of excellently shaped product.

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

Pegson XA750	
Weight (Est)	68,000kgs (149,600lbs)
Transport width	3.1m (10'2")
Transport length	17.5m (50'10")
Transport height	3.8m (10'5")
Working width	3.87m (12'7")
Working length	13.12m (43')
Working height	3.4m (11'2")





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 end 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 on most applications
- High reduction ratio
- Hydraulic crusher setting
- Cone overload protection
- Heavy duty chassis and track frame
- Metal detector
- Cone feed box level control to maintain choke feeding
- Dust suppression system
- Combines crushing and screening capabilities on a single plant (Pegson 1000SR)
- Suitable for re-circulating oversized material (Pegson 1000SR)

- · Concaves: extra coarse, medium coarse, coarse, autosand
- Short throw eccentric
- Feed hopper extension plates
- Feed hopper level sensor
- Product conveyor belt weigher
- Engine fire extinguisher system 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))*

31,800kgs (70,100lbs)
2.8m (9'2")
14.5m (47'7")
3.45m (11'4")
2.8m (9'2")
14.5m (47'7")
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 on most applications
- High reduction ratio
- Hydraulic crusher setting
- Cone overload protection
- Heavy duty chassis and track frame
- Metal detector
- Cone feed box level control to maintain choke feeding
- Dust suppression system

Options

- Feed hopper extension plates
- Feed hopper level sensor
- · Concave: autosand, medium coarse
- Product conveyor belt weigher
- Engine fire extinguisher system
- 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)
Fransport width	3m (9'10")
Fransport length	15.3m (50'2")
Fransport height	3.8m (12'6")
Norking width	3m (9'10")
Norking length	15.4m (50'6")
Norking height	4.5m (14'9")





Pegson 1500 Maxtrak



The Powerscreen® Pegson 1500 Maxtrak is one of the largest track mobile cone crushers on the market. Specifically developed for larger end 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® MK II cone crusher, operators' benefit from hydraulic overload protection, a large throughput, excellent product cubicity and a high reduction ratio.

Features & Benefits

- Hydraulic crusher settings
- Large feed hopper with folding sides, wear resistant liners and crash box
- Feed conveyor folds for maintenance and removes for transport
- Metal detector complete with contaminated material dump facility
- Cone feed box level control to maintain choke feeding
- Fuel efficient direct crusher drive via PLC controlled clutch
- Intelligent PLC control system
- Heavy duty chassis and track frame
- Electric refueling pump
- Dust suppression system
- Working lights

Options

- Product conveyor belt weigher
- Engine fire extinguisher system
- Hydraulic water pump
- Radio controlled tracks

Impactor Range



Powerscreen offer a range of mobile impact crushers suitable for primary and secondary applications including crushing aggregate, reinforced concrete and asphalt. The range includes both horizontal shaft impactors and vertical shaft impactors, both of which are designed to achieve a high ratio of product reduction.

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

Pegson 1500 Maxtrak	
Weight (Est)	85,000kgs (187,400lbs)
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")





^{*}Feed conveyor, feed box and divert chute transported separately

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
- Four bar rotor and twin apron design
- Hydraulically adjustable apron setting (Patent Pending)
- Reversible and easy to change blow bars
- Fully independent under crusher vibrating pan feeder
- HFO clutch and 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, martenistic, austenitic, and ceramic blow bars
- Tine bar spacing nominal 36, 46mm
- 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
- Engine fire extinguisher system
- 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 compact horizontal impact crusher designed to offer mid-sized 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 output potential.

The Powerscreen® Pegson XH320SR features a screen recirulating (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
- Crusher chamber hydraulic overload protection
- 4 bar rotor and twin apron design
- Hydraulically adjustable apron setting (Patent Application 0821843.0)
- Crusher speed variation through user friendly PLC control system
- Independent under crusher vibrating pan feeder as standard
- Modular conveyor with raise/lower facility to aid clearance of rebar
- HFO clutch and highly fuel efficient direct drive system
- Live pre-screen and optional single deck 11' x 5' post-screen (XH320 SR)

Options

- Dirt conveyor
- Single pole/twin pole
- Radio controlled tracks
- Belt weigher
- Ceramic or high chrome blow bars with both full and half sizes
- Water pump
- Dust hood on product conveyor
- Refueling pump
- Under screen wire mesh 10, 20, 30, 40, or 50mm

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

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Pegson XH320	
Weight (Est)	31,000kgs (68,350lbs)
Transport width	2.56m (8'5")
Transport length	14.45m (47'5")
Transport height	3.42m (11'2")
Working width	2.56m (8'5")
Working length	14.2m (46'7")
Working height	3.42m (11'2")

31,000kgs (68,350lbs)
2.56m (8'5")
14.45m (47'5")
3.42m (11'2")
2.56m (8'5")
14.2m (46'7")
3.42m (11'2")





Pegson XH500 & Pegson XH500SR



The Powerscreen® Pegson XH500 is the flagship horizontal shaft impactor. It is versatile, efficient and highly productive with an output potential of up to 500 tph. The Pegson XH500 offers 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 XH500 SR offers further versatility in operation with a screen recirulating (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)
- Fully 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
- HFO clutch and highly fuel efficient direct drive system
- Hydraulically folding recirculation conveyor, no crane required during set-up (XH500 SR)

Options

- Full and half size martenistic, 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
- Engine fire extinguisher system
- 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 has been designed for users who require a plant that excels at producing high specification, shaped product. With a range of crushing configurations available, the Pegson XV350 is versatile, productive and suitable for a number of applications including road building, concrete manufacture, manufactured sand, slag, and glass recycling.

Features & Benefits

- Exceptionally versatile due to interchangeable crushing configurations
- Track mobile for ease of transport, set-up and operation
- Excellent product shape
- 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 with hydraulic raise and lower convevor
- Automatic lubrication system with temperature and flow analysis
- 3.5m (11.4ft) product conveyor discharge height
- Hydraulic water pump

Options

- Feed hopper extension plates
- Feed hopper level sensor
- Product conveyor belt weigher
- Product conveyor dust shroudRadio remote control
- Electric refueling pump
- Engine fire extinguisher system

Chamber Configuration Options

- High speed five port rotor & rock shelf
- High speed five port rotor & drop in anvils
- · Heavy duty four port rotor & rock shelf
- Heavy duty four port rotor & drop in anvils
- Open shoe table & vaulted anvils
- Open shoe table & 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

Notes

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 both Mobile and Static Screens, Finesmaster Sand Classification Systems, Trident Dewaterers, Logwashers, Feeder Units and Stockpiling Conveyors.



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 120 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 for same day dispatch from our Parts Centers in the Ireland, USA or India.









Social Networking

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DEALER STAMP



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Photographs are for illustrative purposes only, some or all of the machines in the illustrations may be fitted with optional extras. Please check with your Dealer for details on optional extras.