

Tracked Impactor Range | Quarrying · Contracting · Recycling



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US office, TEREX España and TEREX Construction France are not ISO 9001 registered.



All reasonable steps have been taken to ensure the accuracy of this publication, however due to a policy of continual product development we reserve the right to change specifications without notice.

Plant performance figures given in this brochure are for illustration purposes only and will vary depending upon various factors, including feed material gradings and characteristics.

No information relating to capacity or performance contained within this publication is intended to be, nor will be, legally binding.

Photographs may show some machines fitted with optional extras.

For further information, please check with your Dealer or BL-Pegson Limited.

Your Local Authorised BL-Pegson Dealer:

MODELS

- 428 TRAKPACTOR**
- 4242 SR**
- 1412 TRAKPACTOR**



TRACKED IMPACTOR RANGE

THE RIGHT CHOICE

Choosing the right crusher for your application is an important decision. At TEREX Pegson we have the field experience and expertise to help you make the right choice. With over 75 years experience in crushing we will ensure your investment will work at its best for you throughout its service life.

In today's market place businesses need to be armed with equipment that can be quickly adapted to suit different applications. At Terex Pegson we have risen to this challenge and produced a range of crushers that can achieve high throughput capacities on hard rock and demolition material. TEREX Pegson's Impactor range is easy to use and offers outstanding performance on quarrying and recycling operations.

428 TRAKPACTOR

DESIGNED TO DELIVER

The 428 Trakpactor is suitable for processing soft to medium strength quarried rock, demolition debris and recyclable materials at up to 360tph.

It can be used as a primary crusher for well broken feed material or alternatively to give increased reduction by operating as a secondary crusher.

This plant has been designed and built for efficient and cost effective processing, features a multi-stage reduction impactor fitted with hydraulic door opening for quick and easy replacement of wear parts, a heavy-duty vibrating grizzly feeder with underscreen option and a 1000mm wide discharge conveyor. The plant can be fitted with a magnetic overband separator for recycling applications.



A wide selection of optional features are available with this machine and include: dirt conveyor, magnet, radio control, grinding path, a range of wire meshes for the underscreen, a refuelling pump and hydraulic water pump.

Advantages

- ▶ Well proven high performance impact crusher
- ▶ Two aprons and optional grinding path
- ▶ Heavy duty chassis and track frame
- ▶ Rapid set-up time and ease of transportation
- ▶ Two step self-cleaning grizzly
- ▶ Fully skirted product conveyor with heavy duty 'rip stop' belt
- ▶ Dirt conveyor & magnetic separator available as options
- ▶ Dust suppression sprays fitted as standard



▲ **CHAIN CURTAIN**
Full width single strand chain curtain.

▲ **HYDRAULIC OPENING** ▶
Easy access with a separate pump for hydraulic opening.

RADIO REMOTE CONTROL - OPTIONAL ▶

This function is available in approved countries to control the tracking function and stop/start the feeder.



Transport Dimensions

Length: 14.9 m
Width: 2.8m
Height: 3.44m
Weight: 32 tonnes

Technical information for Impactor

Feed Opening: 1067 x 711mm
Rotor Diameter: 1066mm
Rotor Width: 1066mm
Rotor Speed: Slow 506rpm Fast 630rpm
No. of Hammers: 4

BLOW BARS ▶

Two full size and two half size high manganese blow bars are fitted as standard.



▲ A 428 Trakpactor working on a construction project producing crushed limestone at 300tph.

Unit Components

Crusher type: Terex Pegson 428 Fixed Hammer Impactor

Feeder: 1.08 x 3.8m
Feed Hopper: Fixed feed hopper
Hopper length: 4m
Hopper width: 2.1m
Capacity: Up to 3.8m³
Powerpack: Caterpillar C-9, 224kW at 1800rpm at sea level.

DESIGNED TO PERFORM

The demand for a single crushing and screening unit capable of producing a controlled top size of finished product in closed circuit has led TEREX Pegson to design and manufacture the 4242SR plant containing a host of user-friendly features.

The new 4242SR is based around the acclaimed 428 Trakpactor and comprises a complete crushing, screening and stockpiling unit built on one tracked chassis.

Suitable for primary and secondary applications in quarrying, contracting and recycling, the 4242SR has outstanding performance characteristics, with capacities up to 360 tonnes per hour. Up to four product sizes, depending on the set-up, can be produced and stockpiled. Alternatively, oversize material can be recirculated back to the crusher via an on-board conveyor to give a guaranteed finished top size.



The unit features a heavy duty vibrating grizzly feeder with two step grizzly, optional under-screen and side conveyor for stockpiling waste material or an additional product. Scalped material is fed onto the main product conveyor via a by-pass chute to increase overall capacity. An overband magnetic separator is available as an option for removal of re-bar and steel when used in recycling applications before the crushed material is fed onto an 3.3 x 1.5mm two deck screen for sizing. To reduce environmental impact, dust suppression sprays are also included as standard.

The whole plant can be set up to work within minutes of arrival on site and, at an approximate operating weight less than 45 tonnes, is easily transportable on a low bed trailer.

Transport Dimensions	Technical information for Impactor
Length: 16.36m	Feed Opening: 1067 x 711mm
Width: 3.09m	Rotor Diameter: 1066mm
Height: 3.44m	Rotor Width: 1066mm
Weight: 44.5 tonnes	Rotor Speed: Slow 506rpm Fast 630rpm
	No. of Hammers: 4 fixed type



GRIZZLY FEEDER

The vibrating grizzly feeder incorporates a rubber blanking mat that can be substituted for various aperture wire meshes if required.



SCREEN

Patented design allows easy access for maintenance. Screen and conveyor system can be lowered hydraulically to access both screen decks and conveyor system.



The 4242SR is shown working in a limestone quarry producing sub-base materials.

Advantages

- ▶ Combination impactor and screening plant
- ▶ Well-proven high performance impact crusher
- ▶ Facility to make up to four products
- ▶ Two step self-cleaning grizzly with underscreen
- ▶ Easy screen access
- ▶ Magnetic overband separator optional
- ▶ Recirculating facility
- ▶ Heavy duty chassis and track frame
- ▶ Dust suppression sprays fitted as standard

Unit Components

Crusher type:	Terex Pegson 428 Fixed Hammer Impactor
Feeder:	1.08 x 3.8m
Feed Hopper:	Fixed feed hopper
Hopper length:	4m
Hopper width:	2.1m
Capacity:	Up to 3.8m ³
Powerpack:	Caterpillar C-9, 230kW at 1800rpm at sea level

1412 TRAKPACTOR

DESIGNED FOR POWER

The 1412 Trakpactor is fitted with a 1.4m wide x 1.2m diameter "state of the art" impact crusher.

This impressive machine has been designed to work in quarry, demolition and contracting environments and can achieve outputs of over 500tph.

A particular feature of this crusher is the hydraulic apron locking facility including overload protection. This provides consistent product size with less oversize than conventional spring loaded impact crushers as well as additional protection against tramp metal. It has also been designed so the crusher opens and adjusts hydraulically and is fitted with a hydraulic tilting feed plate to improve blockage clearance.

This plant is fitted with a modular product conveyor mounted on hydraulic cylinders that can be quickly lowered for access for maintenance and removal of wire on recycling applications.



The 1412 impactor also incorporates the latest PLC control system with minimal wiring, which gives sequenced single push button starting and stopping facility.

Advantages

- ▶ Well proven high performance impact crusher
- ▶ 1200mm wide discharge conveyor which can be raised and lowered hydraulically for maintenance and transport
- ▶ Hydraulic folding hopper with wedgelock system.
- ▶ Two way dirt chute
- ▶ Hinged drive guard design for belt access
- ▶ Magnetic overband separator - optional
- ▶ Dirt conveyor - optional
- ▶ Crusher performance changes made simply by adjusting engine speed on throttle
- ▶ Optional feed hopper for loading shovel feed from rear
- ▶ Dust suppression sprays fitted as standard



▶ **CONVEYOR**
Hydraulic raise and lower facility on conveyor.

Transport Dimensions	Technical information for Impactor
Length: 16.9m	Feed Opening: 810 x 1360mm
Width: 2.8m	Maximum Feed Size: 600 x 500 x 500mm or slabs: 1200 x 1000 x 250mm
Height: 3.75m	Rotor Diameter: 1200mm
Weight: 47 tonnes	Rotor Width: 1340mm
	Rotor Tip Speed: 34 - 44 m/s
	No. of Hammers: 4 fixed type



▶ **GRIZZLY FEEDER**
A spring mounted vibrating grizzly feeder with underscreen uses twin heavy-duty cast eccentric shafts to separate fines.

◀ REMOTE CONTROL - OPTIONAL

This facility is only available in certain countries for operating the tracking function, starting/ stopping the grizzly feeder, and shutting down the plant.



▶ A 1412 Trakpactor producing sub-base material at 550tph.

Unit Components

Crusher type:	1412 Fixed Hammer Impactor
Feeder:	1.38 x 4.2m
Feed Hopper:	Hydraulic folding hopper with wedgelock system
Hopper Length:	4.4m
Hopper Width:	2.7m
Capacity:	6.6m ³
Powerpack:	Caterpillar C-12, 326kW at 1800-2100rpm at sea level

COMBINATION PLANTS

SETTING THE STANDARD

TEREX Pegson's combination crushing plants are the bench mark for operators who require high performance tracked crushers.

TEREX Pegson equipment is designed to operate in multi stage operations to provide a complete crushing and screening train.

AFTER SALES

Our dealers are committed to supporting every aspect of your operation from supplying products and spare parts to commissioning and servicing equipment. Their expertise will help you to improve productivity and lower operating costs throughout the working life of your machine.

PARTS

At TEREX Pegson we know the right parts can make the difference to the efficiency and performance of your equipment so when you buy TEREX Pegson parts you can expect:

- ▶ Availability
- ▶ Competitive prices
- ▶ Warranty compliance
- ▶ Fast delivery
- ▶ Specification compliance

FINANCIAL SOLUTIONS

TEREX Financial Solutions simplify capital equipment purchase by offering finance arrangements and customised payment plans to suit your business requirements. (Available subject to status and location.)

WARRANTY

Subject to our sales terms and conditions all new TEREX Pegson crushing plants carry a 12 month warranty.



▲ 1165 Premiertrak feeding into a 428 Trakpactor in a limestone quarry.



▲ 1412 Trakpactor feeding a Powerscreen Chieftain on a recycling application



▲ 1165 Premiertrak feeding into a 428 Trakpactor feeding into a Powerscreen Chieftain in a quarrying application.



▲ 1412 Trakpactor feeding a Powerscreen 2400 Chieftain producing four grades of material.



▲ 1180 Premiertrak working with a 4242SR to produce sub-base.