



TRIGINER

ROCK PICKERS CATALOG 2023

The strongest and most reliable



MACHINES DESIGNED FOR HARD WORK

Our Rock Pickers are in a class of their OWN being able to remove all rock from 5 cm down to a depth of 50cm.

Depth and rock density will determine Horsepower requirements.

The machines can be configured to remove stones from 1,7 cm to in excess of 1 m.

The Machine's Main Hydraulics are driven by a PTO driven Hydraulic pump at either 540, 750 or 1000 RPM

The stones are collected by an endless conveyor chain, which collects, separates and deposits the rocks/stones into a stone tank.

A hydraulically dampened rotor with a proven helical tooth distribution progresses material onto the elevator chain.

The rock Picker has a working width of 1.9 m and is capable of collecting up to 90 M³/hr

Loading time is dependent on the density of rock being removed.

The machines are in gauge for transportation by Truck, Container or Flatrack.





UNLOAD TO GROUND

SIMPLE AND QUICK

Trigriner Rock Pickers are machines designed and proven to work in extreme conditions.

The Unload to Ground range of machines can remove rocks and stones from 2 cm to 150 cm in a single pass, down to a depth of 50 cm

Trigriner offer machines in a range of sizes to suit your conditions and requirements. Our team will recommend the machine to suit your needs.

INEXPENSIVE

The Unload to Ground machines are the most economic to purchase and maintain in the Trigriner Range.

The Unload to Ground design enables incorporation of the largest Stone Tanks that range up to 7 m³.

Trigriner unload to ground Rock Pickers are the most economical in our price range.

DAM-5 PLUS

The DAM-5 Plus with a 6 m³ Stone Tank unloads directly to ground. This feature is simple and robust.

The Dam-5 plus has a 2.1 m collecting width and is capable of 1Ha in 4 hrs.

FEATURES

HOPPER CAPACITY	6 m ³
UNLOAD FROM	0,5 m
MINIMUM TRACTOR POWER	220 HP
WORKING WIDTH	2,1 m
TYPE OF WHEELS	17,5 R25
TOTAL LENGTH	7,6 m
TOTAL HEIGHT	2,6 m
ELEVATOR WIDTH	1,7 m
APPROXIMATE WEIGHT	9.500 Kg



ROCK PICKERS

UNLOAD TO GROUND

UNLOAD BY TUMBLING

The unloading to ground machines have a more compact and simple structure, which results in less maintenance and makes them less expensive.

For working in small plots or between plantation rows, we have the DV-2 model, the smallest of the range which can be operated with an 80 Hp tractor.

For larger jobs we have the DV-3 model, with a wider working width and consequently higher performance.

And for very large areas we offer the DV-4 model, which has a larger Stone Tank so the number of stops for unloading decreases and, in addition, it offers a longer elevator chain, thus improving the screening performance.

FEATURES

	DV-2	DV-3	DV-4
HOPPER CAPACITY	2,3 m ³	3 m ³	4,2 m ³
UNLOAD FROM	0,6 m	0,7 m	0,7 m
MINIMUM TRACTOR POWER	80-100 HP	120 HP	150 HP
WORKING WIDTH	1,7 m	1,9 m	1,9 m
TYPE OF WHEELS	315/80 R22.5	445/65 R22.5	15,5 R25
TOTAL LENGTH	7,63 m	7,96 m	8,4 m
TOTAL HEIGHT	2,53 m	2,62 m	2,86 m
ELEVATOR WIDTH	1,3 m	1,5 m	1,5 m
APROXIMATE WEIGHT	6.000 kg	7.300 kg	8.000 kg



ROCK PICKER BEACH CLEANER

A High performance Rock Picker used to clean beaches of rock and debris, above the water line and up to 1 meter below the water line.
Can work in both dry and wet sand.



Any TRIGINER rock picker can work as a Beach Cleaner.

FEATURES

STONE TANK CAPACITY	2 - 4 m ³
HP-REQUIREMENT	120 - 340 HP
WORKING WIDTH	1,7 - 2,1 m
TYPE OF WHEELS	17,5 R25





Ref: DSR-4 PLUS



Ref: DSR-3



Ref: DSR-4



Ref: DSR-4 PLUS

UNLOAD INTO TRAILERS OR TO GROUND HIGH PERFORMANCE UNLOADING SYSTEM

Trigriner Rock Pickers that unload into trailers/trucks whilst being a more expensive are capable of greater performance in Ha/hr by keeping the machine in the field enabling the transportation of the Rocks from the field by trailer/truck.

The DSR range is designed to discharge in to trailers and trucks by hydraulically raising the chassis of the machine to any desired height up to 3.6 m and by design can deposit the rocks into the center of the Trailer/truck.

Multiple trailers/trucks ensure that the Rock picker maximizes its time collecting rocks and not consuming time transporting them to a discharge area.

This allows the machine to be operational most all the time and to achieve the best possible performance.

DSR-3

A Rock picker designed for tractors from 160 to 250 Hp. Its reduced dimensions and weight make it ideal for fast and agile work. It has a 1.9 m working width, 108 Rod Elevator Chain and 3 m³ Stone Tank capacity.



FEATURES

HOPPER CAPACITY	3 m ³
MINIMUM TRACTOR POWER	150 HP
WORKING WIDTH	1,9 m
TYPE OF WHEELS	45/65 R22,5
TOTAL LENGTH	7,3 m
TOTAL HEIGHT	3,2 m
ELEVATOR WIDTH	1,5 m
APROXIMATE WEIGHT	8.600 Kg

DSR-4

A High-Performance Rock Picker designed for 190 to 300Hp tractors. Performance is enhanced with a 118-rod elevator chain 1.9 m working width and a 4m³ Stone Tank.



FEATURES

HOPPER CAPACITY	4 m ³
MINIMUM TRACTOR POWER	190 HP
WORKING WIDTH	1,9 m
TYPE OF WHEELS	15,5 R25
TOTAL LENGTH	7,5 m
TOTAL HEIGHT	3,2 m
ELEVATOR WIDTH	1,5 m
APROXIMATE WEIGHT	9.400 Kg

DSR-4 PLUS

A High Performance Rock picker designed for 250Hp to 350 Hp tractors with 2.1m working width 118 Rod Elevator Chain and a 4m³ stone tank.



FEATURES

HOPPER CAPACITY	4 m ³
MINIMUM TRACTOR POWER	250 HP
WORKING WIDTH	2,1 m
TYPE OF WHEELS	17,5 R25
TOTAL LENGTH	7,5 m
TOTAL HEIGHT	3,2 m
ELEVATOR WIDTH	1,7 m
APROXIMATE WEIGHT	10.000 Kg



ROCK PICKERS WITH EJECTOR



DSR-4EX

High performance rock picker due to its trailer or truck unloading system. Its added value is an extra long chain of 118 rods, with 1,9 m working width and 4 m³ of stone tank capacity.

FEATURES

HOPPER CAPACITY	4 m ³
MINIMUM TRACTOR POWER	190 HP
WORKING WIDTH	1,9 m
TYPE OF WHEELS	15,5 R25
TOTAL LENGTH	7,5 m
TOTAL HEIGHT	3,2 m
ELEVATOR WIDTH	1,5 m
APROXIMATE WEIGHT	13.000 Kg

THE BEST CHOICE FOR WORKING IN WET SOILS

The ejector is a 20-blade, 3-point, Hardened steel rotor. It is located between the outlet of the stone elevator chain and the Stone Tank.

It can be designed for different stone sizes, from 25 mm to 48 mm.

The ejector can work in damp and even wet soils, if the tractor and Rock Picker do not get stuck.

All the Models are hydraulically driven.





RAKES ATTACHED TO ROCK PICKERS

ROCK PICKER DX-3

The Rakes are folded and adjusted hydraulically for both height and lateral movement, This allows between 3 and 4 times greater working width than that of a conventional machine.

The rocks and stones are continuously directed to the mouth of the Rock Picker.

RAKES

FEATURES

FOLDED HEIGHT	3,4 m
FOLDED WIDTH	3,6 m
WORKING WIDTH	5 m
WORKING DEPTH	10 cm



The Machine designed to be towed by lower Hp Tractors in the 120 Hp Range.

It offers 1.3 meters of working width, a 3 m³ Stone Tank, and has the advantage of being able to unload directly to the ground or to the center of trailers up to 2.2 meters

DX-3

FEATURES

HOPPER CAPACITY	3 m ³
FLOOR UNLOAD HEIGHT	2,2 m
MINIMUM TRACTOR POWER	120 HP
WORKING WIDTH	1,7 m
TYPE OF WHEELS	445/65 R22,5
TOTAL LENGTH	7,5 m
TOTAL HEIGHT	2,9 m
ELEVATOR WIDTH	1,3 m
APROXIMATE WEIGHT	7.500 Kg

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PATENTED

Homologation: MAR-10365"00

The technical characteristics of this catalog are for information purposes only, and their construction may vary. - 2023 -

