

**GRANITE**  **400**



## **XROK GRANITE 400**

Pipeline padding machine

Unique new padding technology, patent pending.

**XROK**



## DOUBLE DECK UNRIVALLED PERFORMANCE

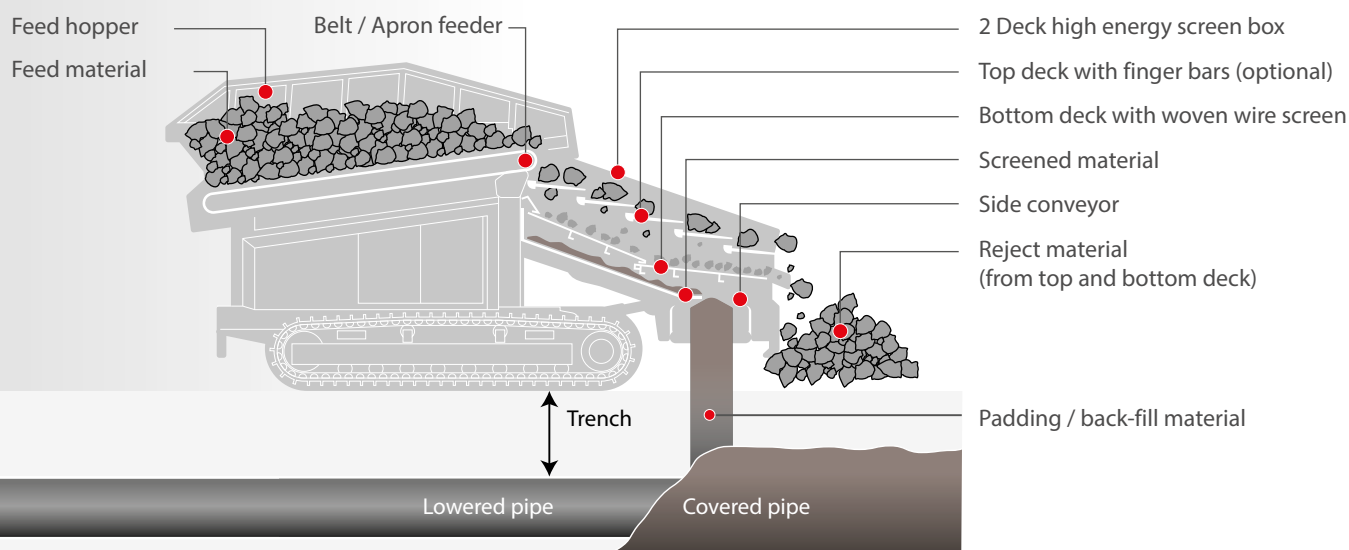
### XROK introduces the double deck scalping screen technology to the padding industry

The XROK Granite 400 is a modern, innovative and compact tracked padding machine with a uniquely designed, patent pending, high energy two deck scalping screen-box.

The total **screen area of 11.52m<sup>2</sup>** has the option of a top deck finger bar configuration, giving greater segregation of padding/backfill material resulting in increased production, reduced clogging and limits impact damage to the bottom deck.

### Knowledge based on experience

Using many years' experience earned in the quarry & screening industry and with the customer's requirements in mind the unique design and configuration of the double deck screen-box gives the ability to process large or small, abrasive or cohesive, material in both dry and wet sticky conditions at high volumes which reduces the cost per m<sup>3</sup>.







Components	Standard Equipment	Optional Equipment (at extra cost)
Tracks	2 x 25 Ton Track Frames	Track Guides
	2 speed tracking	
	600mm Shoes	700mm Shoes
Power unit	Caterpillar C7.1 ATAAC Tier III (Europe/Middle East/South America/ Africa compliant)	Caterpillar C7.1 ATAAC Tier 4 Final (US/Canada EPA Compliant)
Feeder	Heavy Duty Belt Feeder (Variable Speed) Hydraulic folding hoppers	Plate apron feeder (Variable Speed) Hopper wing extensions
Remote Control	Hetronic wireless radio remote control Hard wired umbilical remote (emergency tracking)	
Screen Box	2 deck, high energy scalping screen box	
	Welded mesh top deck	Finger bars / grizzly bars
	Woven mesh bottom deck	Cascade bars / Self cleaning mesh
	Hydraulic levelling system	Automatic self leveling system
Cross Conveyor	Hydraulic Folding, Side to side shuttle, Variable speed	
	Deflector Plate (Removable)	2nd Deflector Plate (Removable)
General	User manual English language Parts manual English language CE Declaration of Conformity	
		500Hr / 1000Hr / 2000Hr Service kits Recommended spare parts package. Spare finger bars / welded mesh / grizzly bars / cascade bars / woven mesh / self cleaning mesh (customers specifications)

## DOUBLE DECK SCREEN FACILITATES MULTIPLE COMBINATION OPTIONS. HANDLES ANY MATERIAL WITH EASE. BOTTOM DECK PROTECTED.

The two deck inclined screen is designed to facilitate inter changeability between various screen media configurations. Welded mesh top deck comes as standard but other media options include finger tines or grizzly bars. The bottom deck has woven wire as standard with the option of cascade bars or self-cleaning mesh. This flexibility in the combination enables the user to pursue a wide array of screening applications.

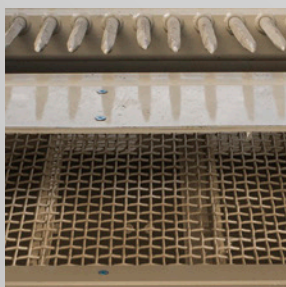
### Top-deck options:

- Welded mesh avoids impact damage from large material /rocks on the bottom deck and increases production.
- Finger tines eliminate clogging while protecting the lower deck from potential impact damage by large boulders or clumps of sticky clay. The vibratory motion of the top deck fingers breaks up some of the looser material and spreads it evenly for maximum separating efficiency and increased production.
- Grizzly or part grizzly bars handles abrasive or stony material.

### Bottom-deck options:

- Screen mesh for dry application.
- Cascade finger bars for wet and sticky material. Different sizes and dimensions as per soil characteristics.
- Self-cleaning screen mesh for wet sticky material.

Screen decks can be configured with many different options to suit multiple soil/rock conditions:



#### Dry material

- Top deck with Finger tines
- Bottom deck with screen mesh



#### Wet /sticky material

- Top deck with Finger tines
- Bottom deck with cascade bars

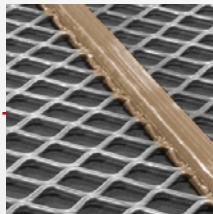


#### Rocky material

- Top deck with Welded mesh
- Bottom deck with screen mesh



**Large rock**  
Top deck grizzly bars  
for very rocky  
application.



**Wet /sticky material**  
Self Cleaning Bottom  
deck Screen Mesh for  
wet sticky material.



**Feeder**  
Plate apron feeder for  
wet sticky material,  
heavy rock, high fines.

## FEATURES ON MACHINE

1. Heavy duty incline belt feeder supported on impact bars (variable speed, steel plate apron feeder available as an option).
2. High Energy Two Deck (total area 11.52 M2) scalping screen box. (finger bars with incline adjustment or grizzly section top deck arrangement available as an option). Up to 400TPH capacity.
3. Choice of Caterpillar C7.1ATAAC Tier III & Tier 4 final engines 225hp.
4. Hetronic radio Remote Control.
5. Hydraulic folding hopper extensions and side conveyor for transportation.
6. Large lockable engine enclosure doors.
7. The 800mm fines conveyor has variable speed, variable material deflection, extends up to 5 meters and is reversible.
8. Heavy Duty D5 chain undercarriage system with 2 speed tracking as standard.
9. Automatic screen slope self-levelling system with manual override.
10. Conveyor drums nip point guards.

## BENEFITS TO END USER

- Handles all types of material from dry large rock, wet or dry sand to wet sticky clay with ease.
- Greater segregation of feed material, protection from excessive wear or damage to the bottom deck surface and a higher percentage of required padding material.
- To suit different regulated markets.
- For operator safety & easy control from a safe distance.
- For quick and easy setup on site.
- For ease of access to engine bay for maintenance.
- Optimizes material flow and placement on the pipe and facilitates switching the discharge side.
- Increased mobility with responsive tracking from creep to high speed. Each track can counter rotate to turn on its own circle.
- Maintains balance and relieves harmful stress. Removing this function from the operator enables him to focus more attention to the padding process with a subsequent increase in performance and safety.
- Designed and located to prevent access to the potential nip points without interfering with the side to side movement of the conveyor.

### Parts availability and after-sales support

Our comprehensive services include customer support with distribution facilities and an efficient ordering and logistics system. We operate an emergency air-freight delivery service of critical spare and wear parts to anywhere in the world.

### Technical support is just a phone call or email away

On site commissioning and training of operators and mechanics by certified Xrok engineers available

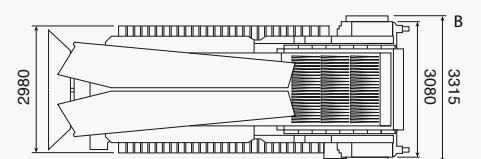
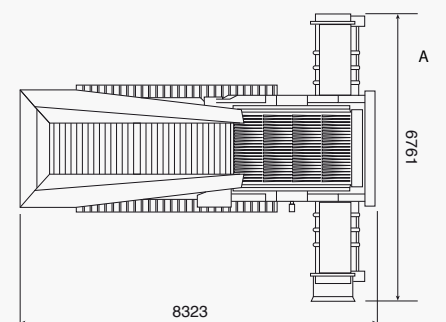
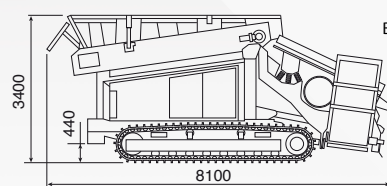
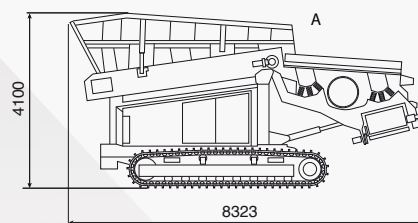
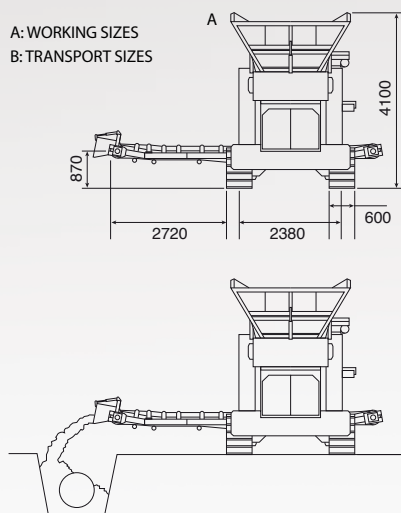
### Environmental health and safety

The Xrok Granite 400 is manufactured according to the essential health and safety requirements relating to the design and construction of machinery of the machine directive 2006/42/EC, CE declaration, user and parts manual will be supplied





A: WORKING SIZES  
B: TRANSPORT SIZES



**XROK**

**Authorized distributor:**

For sale or rental

Delta Machinery

Voltstraat 19

5753 RL Deurne

The Netherlands

T +31 888 966 966

E [sales@deltaheavymachinery.com](mailto:sales@deltaheavymachinery.com)

W [www.deltaheavymachinery.com](http://www.deltaheavymachinery.com)

**Disclaimer**

The information described in this brochure is intended to be of general use only. XROK Industries Ltd. may at any time modify any of the mentioned specifications for technical or other reasons. Illustrations do not necessarily show the product in standard conditions. The dimensions, weights and capacities shown are approximate only and are subject to variations within normal manufacturing techniques.