



TT 350 Semi-Automatic Rebar Cutting Bandsaw

This heavy-duty, semi-automatic twin column bandsaw from BTM features automatic bow rise and fall, and is purpose built for cutting bundles of rebar. With a double chain clamping vice, it securely grips bundles of rebar for optimal and precise cutting.

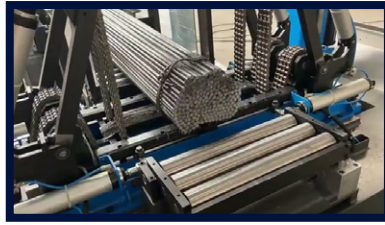
Paired with optional automatic loading and unloading systems, this system can cut through up to 350mm bundles of rebar with relative ease for a fast and efficient production line.



BTM TT 350



CHAIN CLAMPING



UP TO 350MM BUNDLES



BUNDLE STOP TO BUNCH UP RE-BAR



CLAMPED BOTH SIDES OF THE CUTTING LINE



MATERIAL SUPPORTS



BUNDLE LOADING (OPTIONAL)



WATCH THE MACHINE IN ACTION

Machine Features

- Bow and Base in heavy-duty steel construction
- Hydraulic Blade Tensioning
- Vertical bow descent on ball bearing guides
- Chip Conveyor
- Dual Chain vice for securing bundles of re-bar
- End stop for aligning re-bar
- Hydraulic top clamping
- PLC Controller

Optional Equipment

- 7" or 10" Touch Screen Control Unit (required for powered infeed / outfeed roller tracks)
- (A) Powered **infeed** roller track with pneumatic stop for bundle alignment - 6m lengths
- (B) Powered **infeed** roller track with mechanical stop for bundle alignment (Three-station loading storage) - 6m lengths
- (C) Powered **outfeed** roller track - 6m lengths
- (D) Powered **outfeed** roller track equipped with powered length stop with hydraulic lift - 6m lengths
- (E) Powered **outfeed** roller track equipped with powered length stop with hydraulic lift and material storage - 6m lengths
- BTM Teleservice Support
- Laser Line (for Semi-Auto mode)
- Spray mist cooling system

TECHNICAL SPECIFICATIONS

MODEL		BTM TT 350
Capacity		90°
	mm	350
Bed Height	mm	870
Blade Size	mm	5,800 x 41 x 1.3
Blade Speed	m/min	20 - 100
Cutting Speed	mm/min	0 - 200
Fast Downfeed	mm/min	3,500
Blade Motor	kW	3
Cooling Pump Motor	kW	0.37
Hydraulic Pump Motor	kW	4
Chip Conveyor Motor Power	kW	0.09
Length	mm	1,150
Width	mm	3,200
Height	mm	2,400
Weight	Kg	2,200

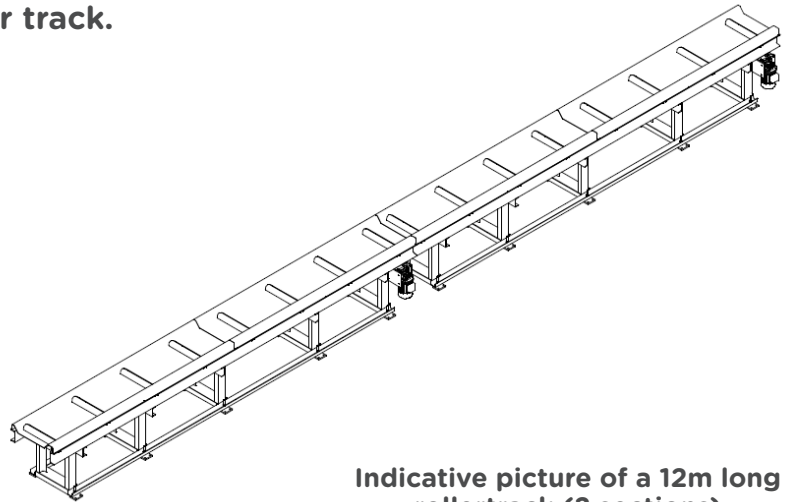
Infeed Outfeed Options (All available in 6m Lengths)

(A) Heavy-Duty Powered infeed roller track.

Controlled by motor and inverter and ADIPRENE covered rollers.

Speed adjustable from 2.7 to 12.19 m/minute.

Equipped with pneumatic lifting stop for bundle alignment.



Indicative picture of a 12m long rollertrack (2 sections)

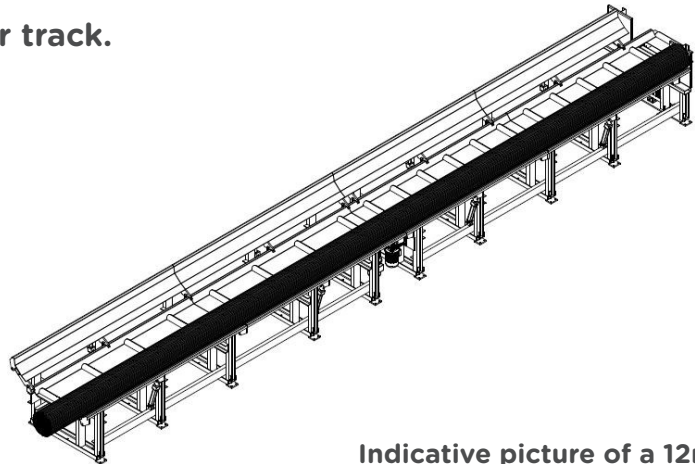
(B) Heavy-Duty Powered infeed roller track.

Controlled by motor and inverter and ADIPRENE covered rollers.

Speed adjustable from 2.7 to 12.19m/minute.

Equipped with mechanical stop for bundle alignment.

With three-station loading storage

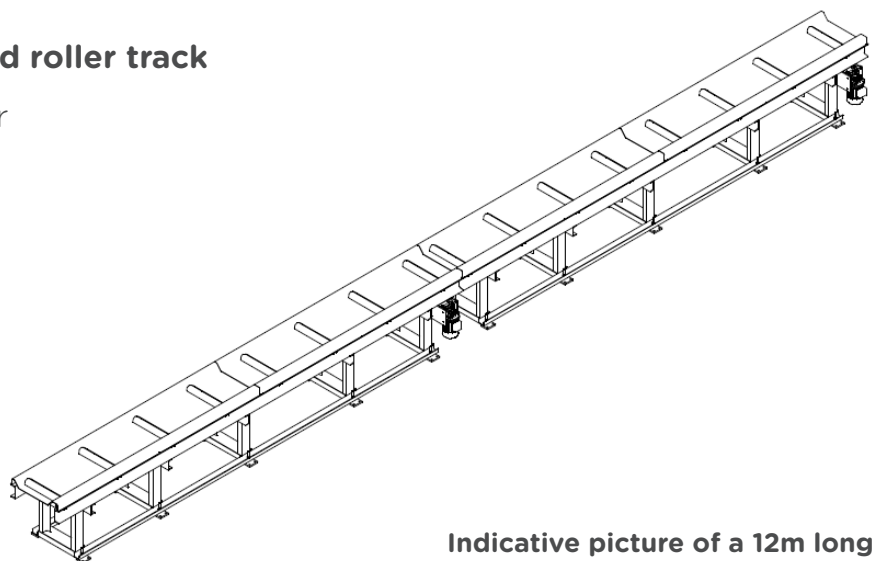


Indicative picture of a 12m long rollertrack (2 sections)

(C) Heavy-Duty Powered outfeed roller track

Controlled by motor and inverter and ADIPRENE covered rollers.

Speed adjustable from 2.7 to 12.19m/minute.



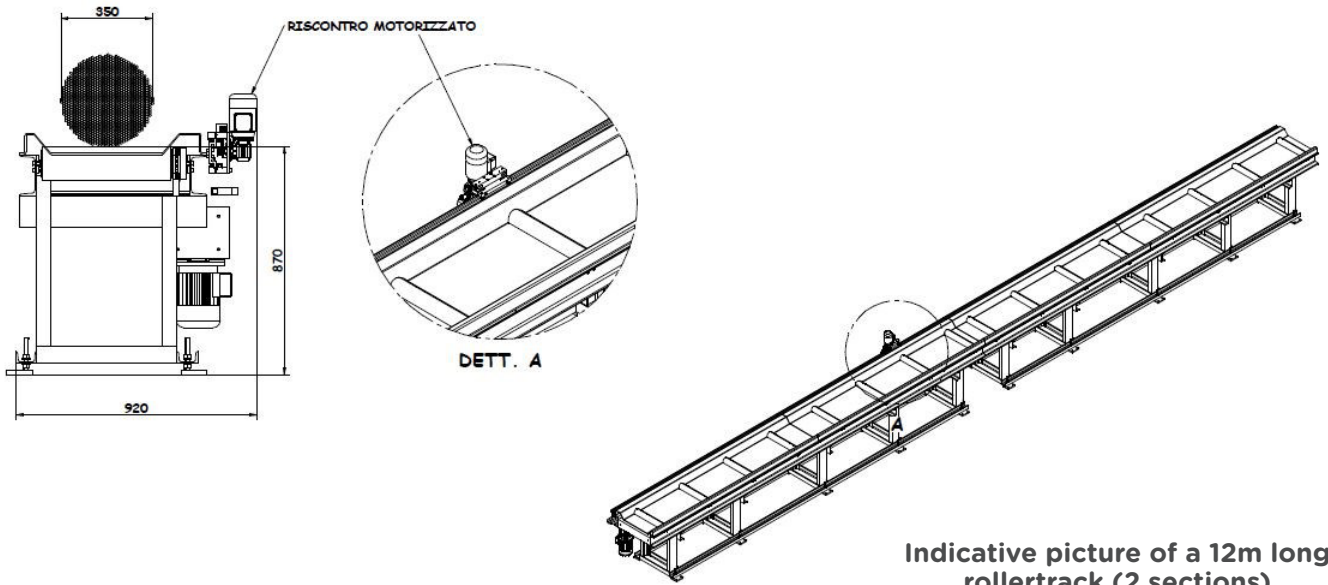
Indicative picture of a 12m long rollertrack (2 sections)

(D) Heavy-Duty Powered outfeed roller track

Controlled by motor and inverter and ADIPRENE covered rollers.

Speed adjustable from 2.7 to 12.19m/minute.

Equipped with powered sliding length stop and hydraulic lift.



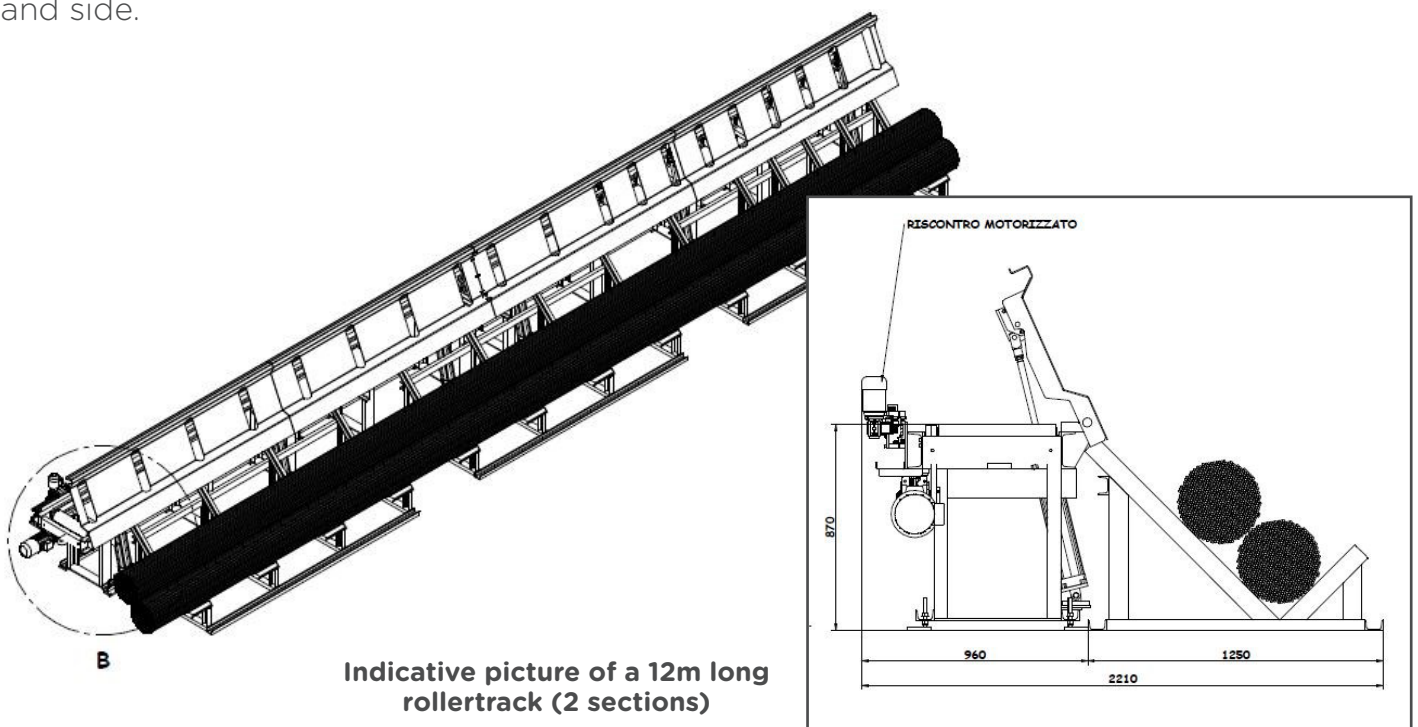
Indicative picture of a 12m long rollertrack (2 sections)

(E) Heavy-Duty Powered outfeed roller track

Controlled by motor and inverter and ADIPRENE covered rollers.

Speed adjustable from 2.7 to 12.19m/minute.

Equipped with powered sliding length stop, hydraulic lift and storage unit on the right hand side.



Indicative picture of a 12m long rollertrack (2 sections)