



**POLICON**  
*Engineering & Manufacturing*

***Soot supply line***

# Soot supply line

The soot supply line is designed to receive, transport and transfer carbon black from one conveyor to another. Or into the mixer tank from the soot tank storage to the rubber mixer tank in the preparatory production.



Scope - preparatory production of tire, cable plants and factories of rubber technical products.





# Soot supply line



## Product composition and completeness:

- Scraper conveyor L = 8,2 m;
- Scraper conveyors L = 18 m;
- Scraper conveyors L = 18 m;
- Scraper conveyor L = 22,5 m;
- Scraper conveyor L = 24 m;
- Scraper conveyor L = 25 m;
- Branch pipes;
- Gate valves.



The soot supply line is a metal modular structure consisting of conveyors: scraper conveyor L = 8,2m, scraper conveyor L = 18m, scraper conveyor with two unloading L = 18m, scraper conveyor L = 22,5m, scraper conveyor L = 24m, scraper conveyor L = 25m, branch pipes and valves.



## Soot supply line



Conveyors in the line are connected to each other by branch pipes. Gates are installed on conveyors with two discharge nozzles. The loading section of the conveyors is equipped with a loading opening through which carbon black is received. On the tension section of each conveyor there is a mechanism with a sensor for monitoring the rotation of the scraper chain. The gate is equipped with 2 sensors to control the valve position.



## Technical Specification:

Line capacity, m / h .....	38
The number of conveyors in the line .....	18
The total length of the line, m .....	331,7
Total engine power, kW .....	55,2
Number of line loading points .....	1
Number of unloading points of the line .....	9
Number of valves in the line .....	8
Chain speed, m / min .....	20
Scrapers pitch, mm .....	252
Supply current:	
voltage, V .....	380
frequency Hz .....	50
Overall dimensions, mm, no more	
Length .....	333 250
Width .....	740
Height .....	690
Weight, kg, no more .....	20 000

This product can be manufactured according to the technical specifications of the customer, taking into account its predetermined parameters and features.

**Full cycle engineering services**

**Food Machinery**

**Machinery for tires, rubber, plastics manufacturing**

**Machinery for the chemical and oil and gas industry**

**Machinery for the perfumery and cosmetic industry**

**Modernization and automation of production**

**Non-standart equipment**

**Production of spare parts, components, assemblies**

**Outsourcing services - repair and maintenance of equipment**



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