

APRON FEEDERS
APP



B.S.I. srl
SOCIETA' BRESCIA IMPIANTI



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APRON FEEDERS SERIES APP

MAIN TECHNICAL DATA

SIZE	APRON CRAWLER WIDTH mm	STANDARD LENGTH (1) mm	MAX SIZE mm	MAX CAPACITY (2) t/h	MOTOR SIZE kW	WEIGHT t
APP 6536 APP 6545	650	3600 4500	550	150	1.5 – 2.2	3.2 – 4.0
APP 8545 APP 8554	850	4500 5400	750	270	3 - 4	5.5 – 6.5
APP 1045 APP 1054 APP1063	1000	4500 5400 6300	900	380	4 – 7.5	9.5 – 11.0 12.5
APP 1354 APP 1363 APP 1372	1300	5400 6300 7200	1200	600	7.5 - 15	14.0 – 16.0 18.0

1) Sprockets distance. Different lengths on demand.

2) Calculated at max. speed

The features indicated are not binding and the BSI reserves the right to edit them for commercial reasons without notice.
For the size of the machines, please contact the BSI specifying the type of your interest.

Primary apron feeders Series APP characterized by a rugged and reliable tractor-type feeder used for heavy-duty operations in quarries and with all types of material.

The ease of use and low maintenance required make them ideal machines for use in feeding operations of the primary crushers.

MAIN CONSTRUCTION CHARACTERISTICS

- **crawler tractor type chain BERCO** is used on all models of B.S.I. apron feeders. This chain features hardened links, pins and bushings, all made from heat-treated alloy steel.
- **drive unit** consisting of electric motor equipped with forced ventilation, planetary reduction gear and **sprockets BERCO**, bolted to the hubs coupled to the driven shaft. The driven shaft is mounted on large, double-row, self-aligning spherical roller bearings. These bearings are selected to provide extremely long life to minimize maintenance requirements.
- **tail traction wells** consisting of steel wheels coupled to countershaft. The shaft is mounted on large, double-row, self-aligning spherical roller bearings. These bearings are selected to provide extremely long life to minimize maintenance requirements.
- **grease lubrication** (bearings and rollers) and in oil (gear).
- **heavy-duty welded construction frame** consists of main frame beams and cross members which provide rigid support for carry rollers. It is equipped with plates for the fixing on steel support structure.
- **protection carter** is planned in the transmission area, in the transmission device area and along the extension of the chain.

