



# ROTOCEREAL PLANETARY EXTRACTOR

**Rotocereal is a conveying system installed inside large diameter silos, allowing to download the product not discharged for gravity from the residual cone.**



Large diameter flat bottom silos are worldwide required to face the more and more increasing need of storing big capacities of cereals and granular products and to contain the investment costs.

In silos with diameter 20 m, silo has a residual cone of 1.100 ton, a 25m. diameter silo has one of 2.000 ton, a 30 m. diameter silo has one of 3.500 ton and a 36 m. diameter silo has one of over 6.000 ton!

In these cases it is necessary to equip the silos with a machine able to discharge big capacities from 100 to 500 ton/hour, without employing intermediate slides and with no risk of breaking for the product during its extraction.

B.S.P. Engineering has planned, constructed and installed the ROTOCEREAL, i.e. an extractor with big performances and big reliability.

The Rotocereal is mainly composed by a special chain conveyor, whose foot is fixed on a central coupling, and an advancement device gives the machine a circular movement for the total extraction. Characteristics:

- A suitable carter to support the load of the product and to protect the chain rotation mechanisms when the silo is full of product;
- A motor that can be electric, hydraulic or pneumatic;
- The Rotocereal housings and foot are equipped, along all their length, with gauge openings for a complete filling without flooding.

**Each Rotocereal will be dimensioned by technical office of B.S.P. Engineering according to the specific needs of customer.**

## **B.S.P. ENGINEERING S.r.l.**

Via Apollo 11, n. 39

37050 Santa Maria di Zevio - VR - Italy

Tel. 0039 (0)45.605.11.99 - Fax 0039 (0)45.605.11.96

E-mail: [com@bspengineering.it](mailto:com@bspengineering.it) Internet: [www.bspengineering.it](http://www.bspengineering.it)