



INDUSTRIAL PLANETARY EXTRACTORS FOR WOODCHIPS

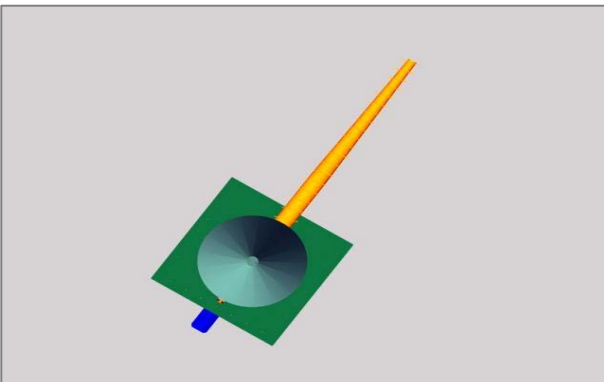
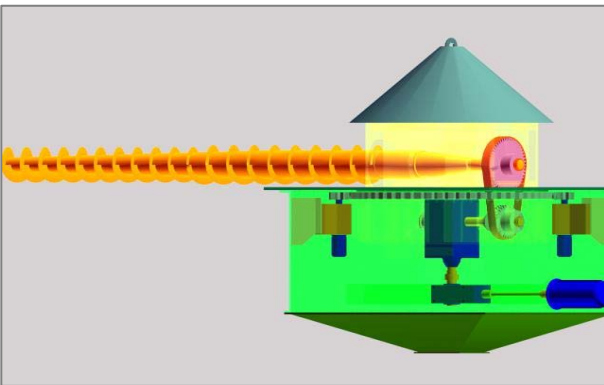
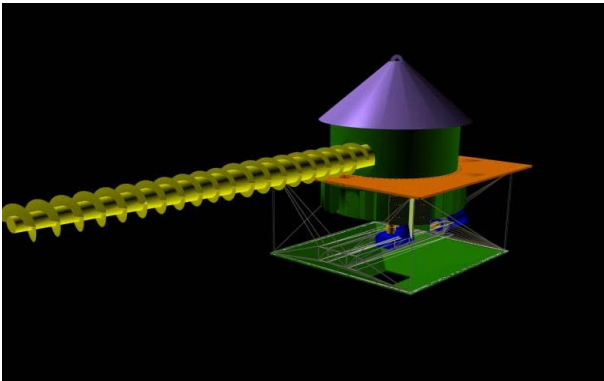
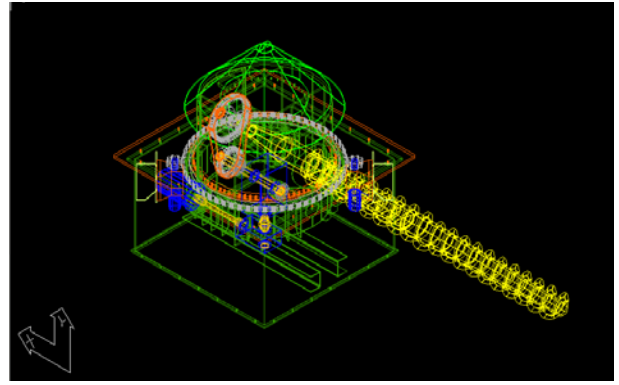
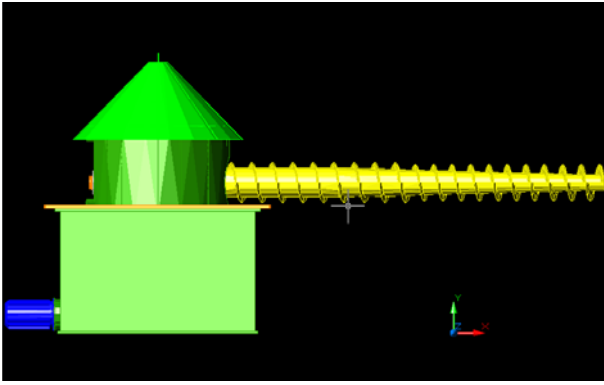


Woodchip used as raw material in biofuel power plants must be stored inside silos of large capacity.

The capacity of these silos varies from 3.000 to 10.000 m³, thus assuring a non stop feeding to the boilers.

Woodchip is a product very difficult to extract from silos since the filaments of the chips, the heaping powder and sawdust, make the mass very compact and dense.





B.S.P. Engineering considering the requirements of the market for the biomasses extractions, has studied, designed and realised a special machine, able to extract woodchips from woodchips storage silos and perfectly suitable to the necessity of the biofuel power plants.

WOODCHIPS EXTRACTORS FEATURES

The planetary extractor is a machine properly constructed for the extraction of woodchips from flat bottom silos.

The machine is installed at the bottom of the silo and it is essentially constituted of a heavy steel frame containing the transmission mechanical members, rotating on large diameter anti friction bearing supported by a properly shaped metallic structure anchored to the basement of the silo.

A cover deflector fixed on a idle large diameter anti friction bearing anchored on the top of the rotating steel frame, allows to the same frame to rotate without the stress due to the exiting over load inside the silo full of product.

This particular industrial extractor is suitable for the extraction of olive residue and rice husk; also this products are biomasses, used as sources of renewable energy.

Each woodchips extractor will be dimensioned from B.S.P. Engineering technical department according to the physical characteristics of the product.

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 Internet: www.bspengineering.it