



BARLEY DE-AWNER UNIT

TURNER PROCESS EQUIPMENT LIMITED offers a complete range of cereals processing equipment for applications within the cereals, foods and materials handling industries.

The TURNER Barley De-Awner design enables the removal of awns from grains as well as the removal of grains from un-threshed seed heads. Capable of achieving capacities of up to 20tph, the TURNER Barley De-Awner provides a versatile cost-effective solution to your processing requirements.



The De-Awner is fitted with a top feed inlet positioned at one end of the machine. A bottom discharge outlet is fitted at the opposite end complete with an adjustable counter-weighted product discharge flap. A top by-pass inlet is incorporated into the De-Awner design thus facilitating the by-pass of in-feed material if required.

Upon grain entering through the top feed inlet it is propelled along the chamber by the rotation of the beater bars. Grain continues to fill the chamber until the pressure or build-up of grain is sufficient to overcome the adjustable counter-weighted product discharge flap.

The adjustment of the counter-weight outlet provides the ability to control the quantity of material held within the De-Awner chamber, thus increasing or decreasing the abrasion between grains. A clean-out slide is provided thus allowing for the removal of remaining grains when changing products and/or production runs.



Fabricated in mild steel, the outer housing encloses a horizontal main shaft onto which is fitted a series of beater bars. The unique distributed pattern of the beater bars ensures correct product flow through the unit whilst maintaining both productivity and efficiency.



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