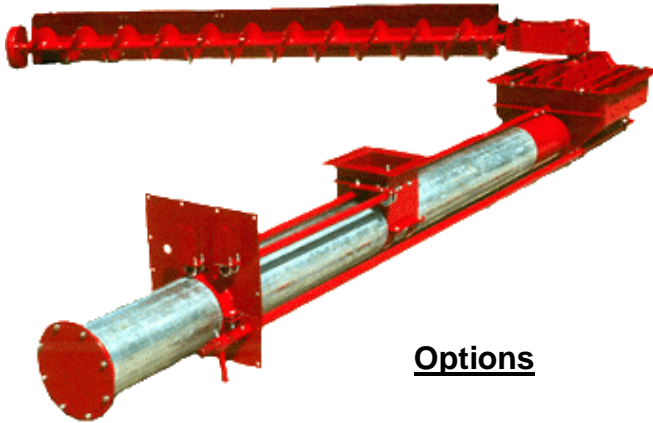


Combi-Sweep Augers



Chief Industries UK Limited

General Arrangement



The Power-Sweep Auger system enables silo emptying without the need for internal wiring. The motor is fitted to an external, (detachable) Power Head, which through a clutch system, is used to drive either the sweep or the discharge auger.

The standard system comprises:- sweep auger (sweep flights 50.8mm smaller than the underbin auger flight) with backing shield, drive end wheel & stop, centre sump & double gearbox, intermediate sump/s, discharge auger with sleeve/flange, control rods & standard length Horizontal Power Head with 3 phase motor drive & outlet spout.

Options

Sweep Stop

Bolts to the bin wall, limiting the sweep auger to one revolution.



Sumps

Centre Sump

A double gearbox with clutch control powers the Sweep, which has a u joint for uneven bin floors. Nylon rollers offer smooth, positive slide gate operation. The 610mm x 685mm opening, means less plugging.



Intermediate Sumps

Intermediate sumps have removeable top flanges to accommodate uneven bin floors. Nylon rollers offer smooth, positive slide gate operation.



Bin Unloaders



Horizontal Heads

762mm length for large slide gate travel.



Vertical Bin Unloaders

4.42m lengths. Single and double drives.



27° Inclined Unloaders

1.5m or 2.13m.

Specifications

Auger Dia.	Tube	Flight	Flight Pipe OD/ID
200mm	1.5mm	4.7mm	48mm-38mm
250mm	2.55mm	6.0mm	60mm-50mm
300mm	2.55mm	6.0mm	60mm-50mm

Capacities

Unloading Augers	Underbin Augers	
	200mm Tube	250mm Tube
Horizontal	60 t/h	90 t/h
Vertical	60 t/h	90 t/h
27° Incline	50 t/h	80 t/h

TECHNICAL DATA SHEET TDS-440



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All capacities and dimensions are nominal. Due to our development policy prices and specification are subject to change without notice.

