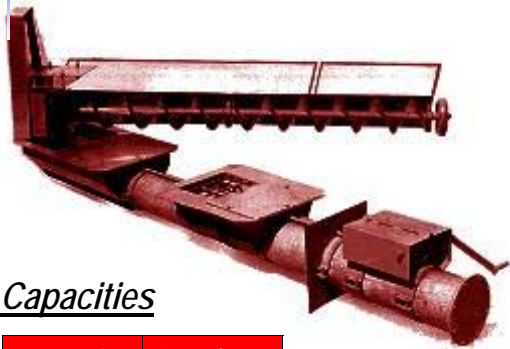


# Commercial Duty Unloading Systems



**Chief Industries UK Limited**

- 200 – 250 – 305mm Underbin Augers.
- Sectionalised Sweep Augers
- Rubber Sweep end wheel or Ratcheting Wheel
- Chain Reduction Drive for Sweep
- Manual or Rack & Pinion Gate Controls Sump Gates ride on Nylon rollers
- Sumps designed for Concrete or steel drying floors
- Righthand Underbin Flighting



## Capacities

Auger Dia.	Tonne/Hour
200mm	50
250mm	100
305mm	120

## Specifications

Auger Dia.	Tube	Flight	Flight Pipe OD/ID
200mm	2.55mm	4.7mm	48-38mm
250mm	2.55mm	6.0mm	60-50mm
305mm	2.55mm	6.0mm	60-50mm

## Features

### Sweep Carriers

Carriers support sweep auger. One carrier is supplied for 14.5m-23.7m bins and two carriers are supplied for 27.4m – 36.5m bins. Extra carriers maybe installed if desired.

### Rack & Pinion Sump Control

Allows easy sump operation. Any combination of sumps are operated by the control rods.

### Screwdriver

A ratcheting wheel drive end prevents slippage. You get positive sweep movement in grain.

## Sumps

### Centre Sump

Slide gates for both sumps ride on UHMW polyethylene rollers for smooth operation. The gates retract into sump cover keeping grain weight off gates.

### Intermediate Sump

200mm & 250mm Head Sections are direct drive with double bearings in the keyway shaft. The augers are available for bins up to 28.0m dia and provide capacities of 50 T.P.H. and 100 T.P.H.

## Drives

### Direct Drive

200mm & 250mm Head Sections are direct drive with double bearings in the keyway shaft. The augers are available for bins up to 28.0m dia and provide capacities of 50 T.P.H. and 100 T.P.H. respectively.

### Helical Gear Drive

305mm Head Sections are helical gear driven. Reduction is 5:1 for these oil-bath units. The 305mm Augers have capacities up to 120 tph and are available for bins up to 36.5m.



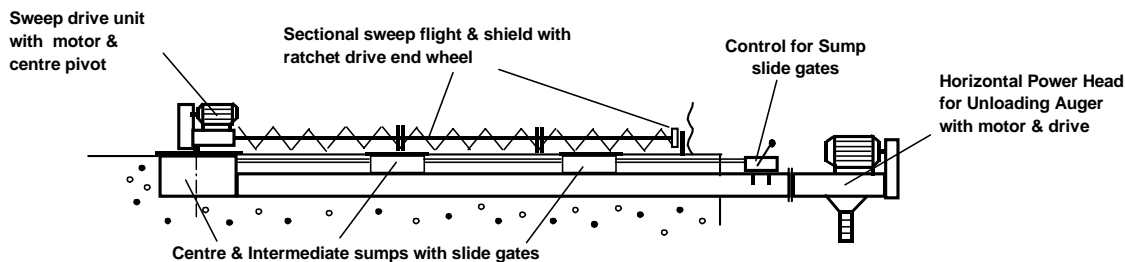
Sweep Carrier



Intermediate Sump



Direct Drive



TECHNICAL DATA SHEET TDS-450



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

