



Design – Manufacturing – Repair –
Maintenance of handling screw systems for
flat bottom silos.



MODEL IXCR and IXCRAP

Extraction screw
driving moto reducer

Sweeping moto
reducer of the screw
at 360

Sweeping pinion

Mechanical stell plate

Slewing ring

Angle gear equipped with:

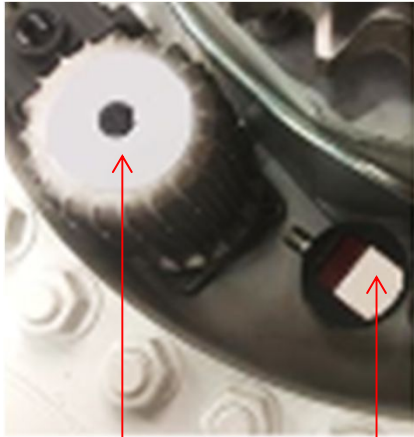
- A temperature probe
- An oil level sensor
- A system for grounding the extraction screw and the angle gear casing

An oil recirculation system including:

- - Pump
- - Filtered
- - Flowmeter

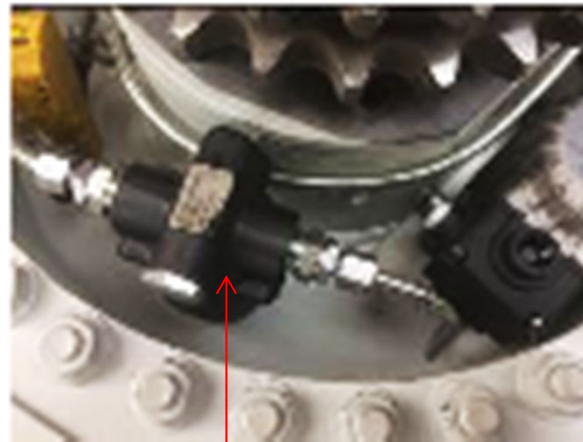
THIS MODEL EXISTE, IN A VERSION ANTI POLLUTION: MODEL IXCRAP
Anti pollution means that the oil contained in the angle gear could not be in touch with the product. This model is used for food product exclusively.

ANGLE GEAR FOR EXTRACTOR MODELS IXCR and IXCRAP

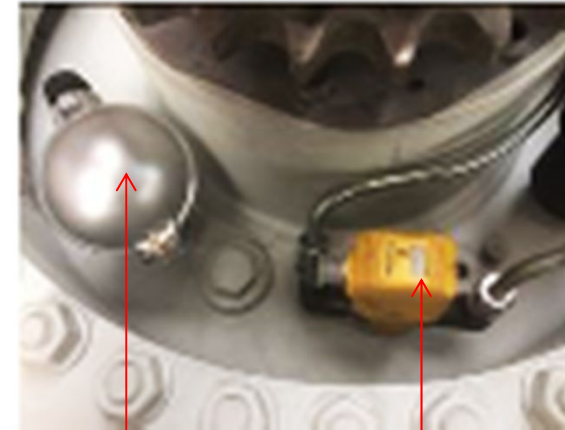


Recirculation
Pump of oil in
the angle gear

Permanent oil
level control
probe in the
angle gear



Oil filter



permanent
monitoring
probe the
temperature of
the oil in the
angle gear

Permanent
control of oil
flow

All these devices are connected to the PLC ROOM, so in the event of a malfunction such as overheating or oil leakage at the angle gear, the extractor is automatically stopped to preserve the mechanical components from damage. They make it possible to confer on this model the ATEX compliance : 2014/34 / UE of February 26th, 2014 with the following marking.



APPLICATION



3 installations
2 silos containing starch
1 silo containing flour

Silos diameter: 12 m
Silos Height: 19 m

Extractor size: IXCR 1-10 ATEX
Output flow: 9 T/H

MOUNTING



