

OCRIM

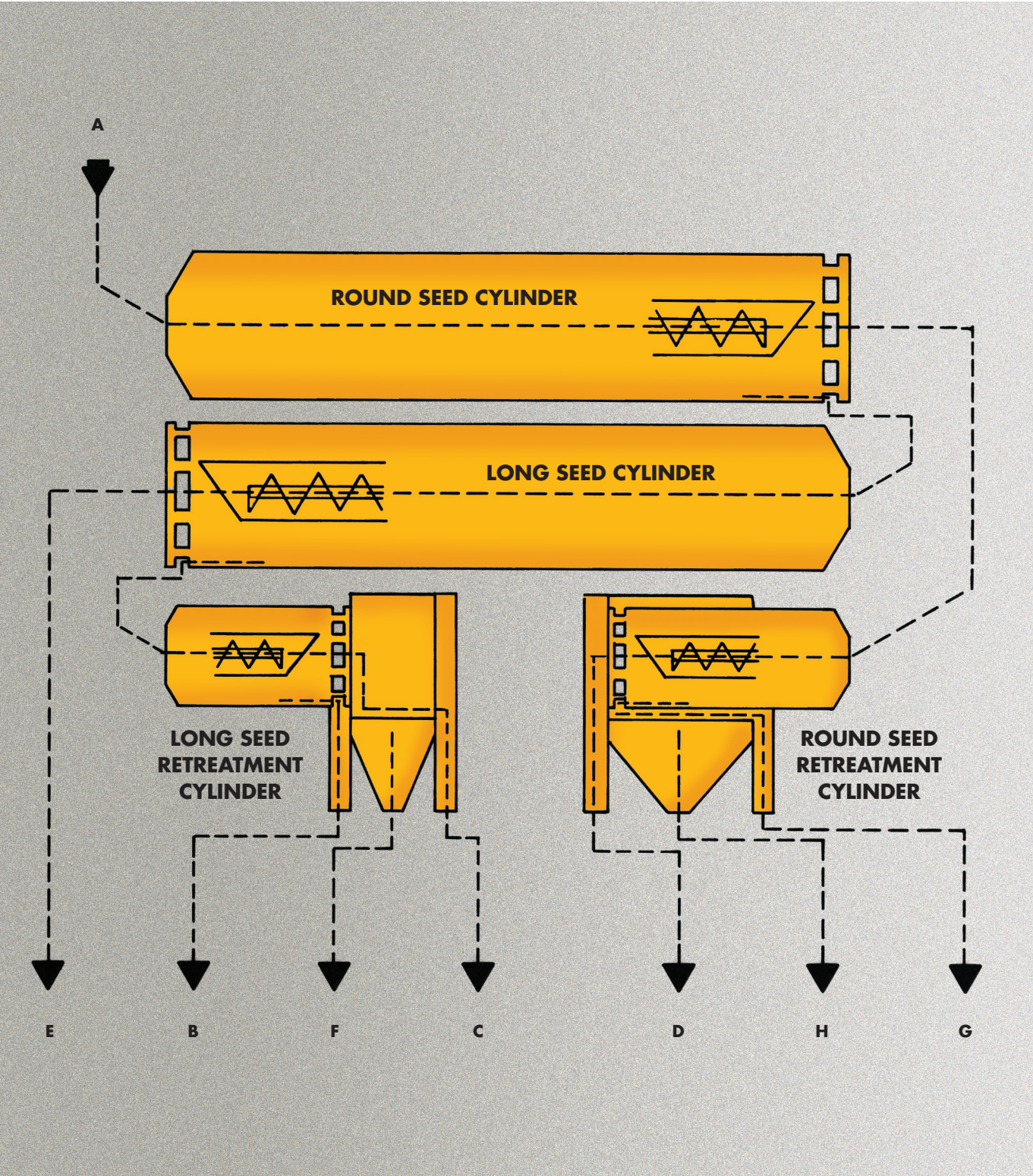
CSA

CYLINDER SEPARATOR UNIT



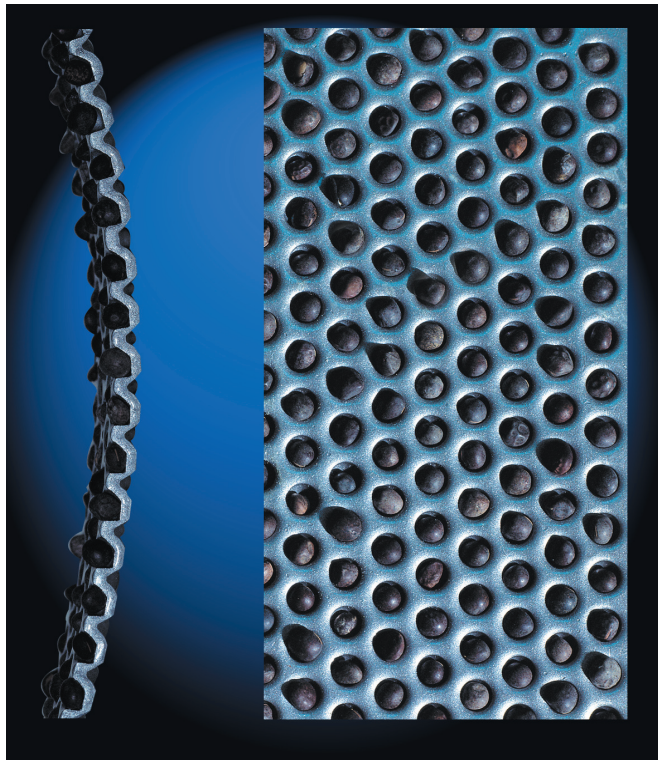
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CYLINDER SEPARATOR UNIT



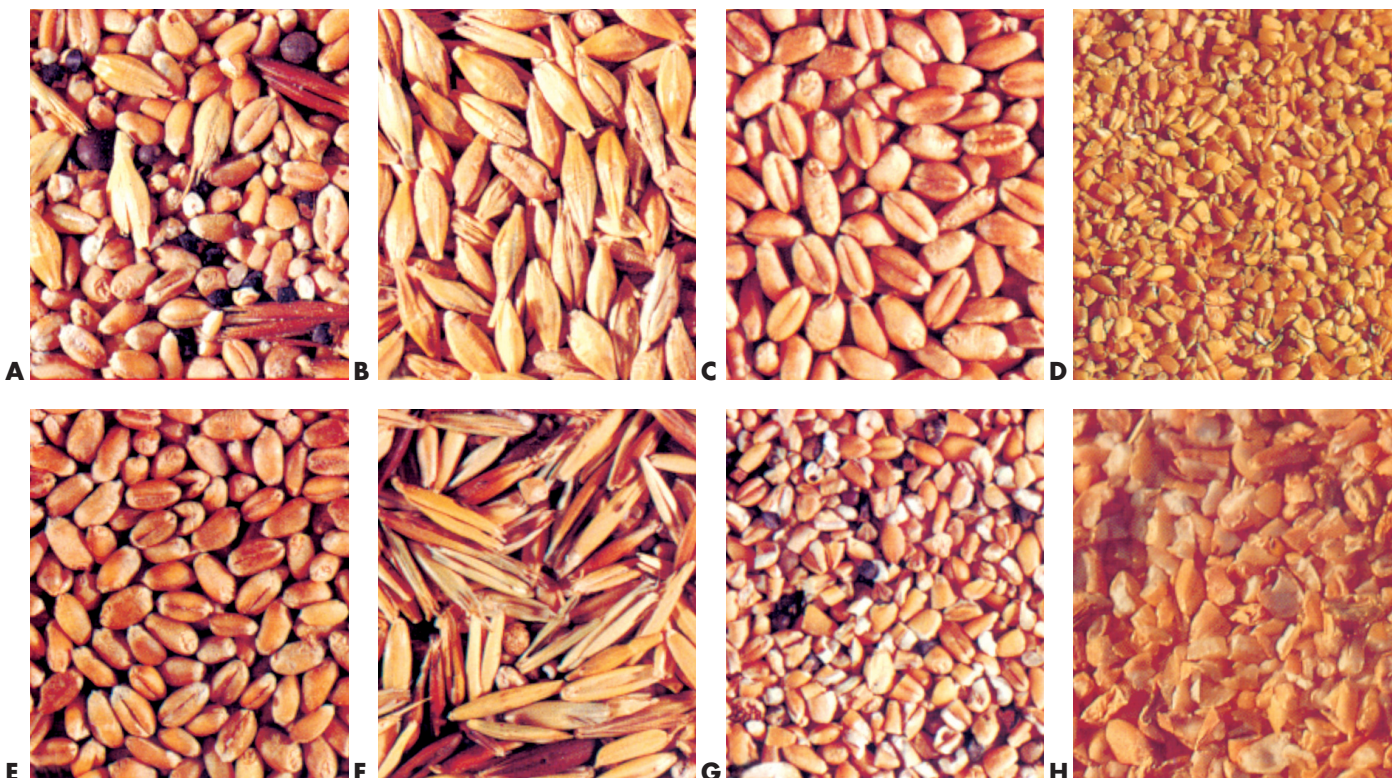
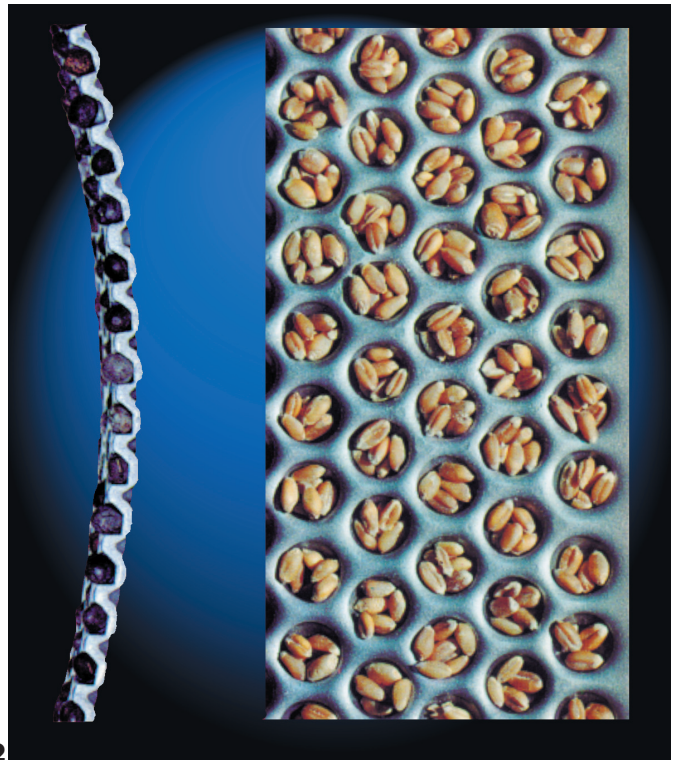
1.
Cylinder pockets lodging round grain.

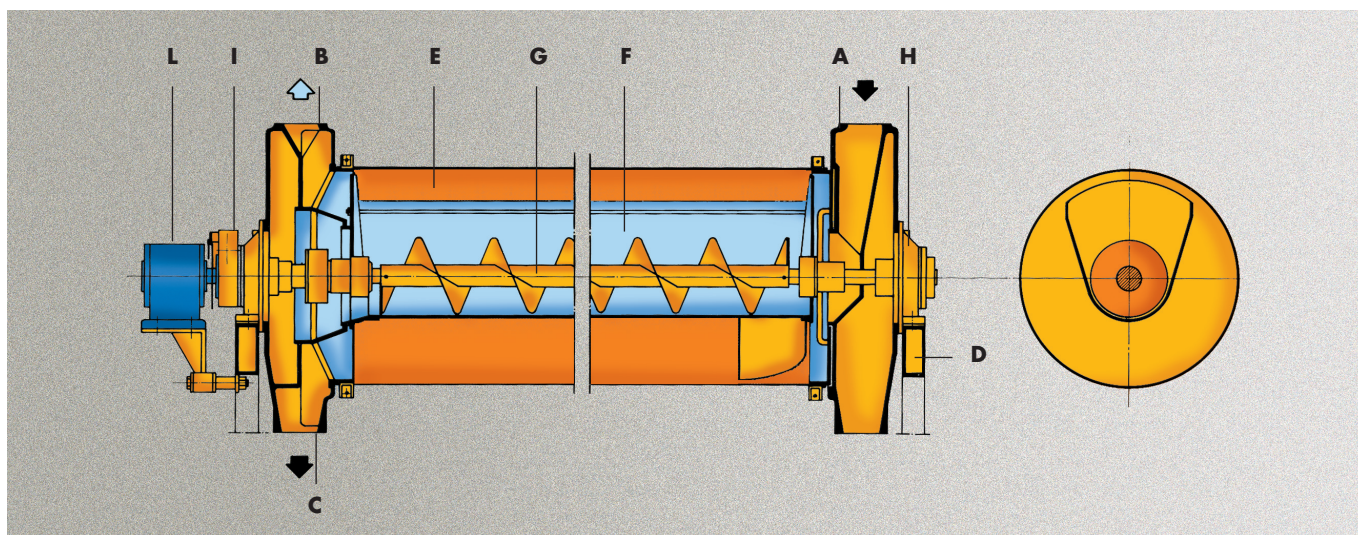
- A.
Feed inlet
- B.
Barley
- C.
Recovered large grain
- D.
Small vetches and weed seeds



2.
Cylinder pockets lodging wheat grain.

- E.
Classified grain
- F.
Oats
- G.
Large vetches and broken grain
- H.
Lengthwise broken grain





3

CSA

CYLINDER SEPARATOR UNIT

Compact, sturdy construction, improved throughput, accurate separation of round and long grain.

Multiple combinations featuring two, three or four indent cylinders in special steel. Each cylinder fitted with:

- cast-iron supports encasing both cylinder ends;
- internal screw trough;
- cover split in two lengthwise sections for quick replacement and easy maintenance. Accurate separating operation for:

round grain:

the round grain which are smaller than wheat are collected by the indent pockets of the rotating cylinder and lifted until dropped by gravity into the screw trough while the wheat grains fall away and rotate towards the outlet;

long grain:

in this case the wheat grains fit into the pockets while the longer seeds are conveyed to the outlet;

small and broken wheat grains:

the recovery of small and broken grains is achievable through the resorting cylinders used after the main sorting. Stiff rollers provided for cleaning the perforated covers of resorting cylinders.

Adjustment of trough end inclination by a handwheel.

The indent cylinders come with diameters of 400, 600 and 700 mm. and length of 1500, 2000, 2500 and 3000 mm. for output ranging from 2 to 15 T/H.

Each indent cylinder is provided with independent drive and suction connection for dust control.

3.

- A Feed inlet.
- B Suction connection.
- C Outlet.
- D Supporting frame.
- E Steel pocketed cylinder cover.
- F Conveyor trough.
- G Discharge screw conveyor.
- H Right flanged support.
- I Left flanged support and trough inclination adjustment.
- L Geared motor.

