

The combine performs five basic functions:

1. Feeding
2. Threshing
3. Separation
4. Cleaning
5. Grain storage and unloading

1. Feeding -- Fig. 2

The reel (1) conveys the crop inside the cutting table (2) towards the auger (3).

On its turn the auger then feeds the crop into the main crop elevator (4).

A mobile adapter (5) pivoting on the elevator housing frame allows the cutting table to follow the ground on both sides, independently of the machine body position. By this device, the cutting table can correctly harvest the crop, without any loss, in the different harvesting conditions.

The retractable finger feed roller (6) makes the crop flow regular before conveying it towards the cylinder through the elevator chain (7).

The stone trap (8) prevents the inlet of stones and other heavy objects in the cylinder housing, preventing damage to the machine inner parts.

It can be emptied operating a lever on the machine right side.

The cutting table drive transmission occurs by a strong, 1" chain, with sealing rings between junction pins, thus ensuring a long life.

The mechanically--operated reverser (lever easily accessible from the operator's seat), simple and handy, easily overcomes possible overloads of the feeding system.

By this device, the movement of the main crop elevator and of the cutting table can be reversed simultaneously, removing the crop build-up in any machine part.

