SAFETY PRECAUTIONS

Most farm implement accidents can be avoided by the observance of safety.

1. Always STOP the machine to lubricate or to make any adjustments.
2. Be sure the cylinder knives have stopped rotating before removing sharpener cover.
3. Wear safety goggles when sharpening the cylinder knives.
4. After sharpening knives, wait until cylinder knives have completely stopped rotating, shut the tractor off or disconnect P.T.O. shaft before adjusting the cylinder knives to the shear bar.
5. Be sure cylinder has completely stopped rotating before attempting to unplug the deflector spout.
6. Before engaging tractor P.T.O. be sure everyone is clear of the harvester and attachment. Also make sure no tools are lying on the machine. DO NOT ALLOW ANYONE TO RIDE THE HARVESTER.
7. Do not attempt to pull material from any part of the unit while it is in operation.
8. Keep all safety shields in place when the unit is in operation.
Use a hitch bolt of the proper size to eliminate a loose fit at the hitch point. Install a jam nut or a cotter pin to prevent the hitch bolt from being lost. Never attach the harvester to a drawbar that moves from side to side. Always bolt a swinging drawbar in a stationary center position before attaching the harvester.

Attach the front yoke of the harvester PTO to the tractor and be sure that the tractor PTO shield is installed. Avoid extremely short turns when the harvester is in operation. Decrease the PTO speed or disengage the PTO when turning, to reduce wear on the universal joints and possible PTO vibration.

The harvester hitch may be installed as shown in Figure 1 or mounted on the top of the tongue.

OPERATING RPM OF THE CUTTER-HEAD

The cutterhead will operate at 975 RPM with a standard tractor PTO speed of 540 RPM. Cutterhead speed must be maintained during operation for satisfactory results. Slow cutterhead speeds will cause poor blowing action or a poor quality cut.

Capacity of the harvester will vary, depending on the horsepower of the tractor used, crop conditions, length of cut being handled, and whether the forage wagon is attached to the harvester or pulled separately.

A tractor of 45 up to 65 horsepower is recommended. Tractors with more horsepower can be used, however care must be exercised to prevent excessive slipping of slip clutches. Continual overloading of the harvester will shorten the life of the machine. See Section on Slip Clutches.

TRACTOR SEAT CONTROLS (MANUAL)

All the controls of the Super 717 Harvester are adjustable in height on the control stand. The controls are also adjustable in length and when they are properly adjusted they can readily be reached by the operator from the tractor seat. (See Optional section for Manual Lift.)

REMOTE CONTROLS

The remote control box, mounted on the tractor, is used to change the location of the spout deflector and spout, and to shift the reversing gear box from forward to reverse. Figure 2 shows the controls mounted on the harvester.

These controls can be shifted from the tractor seat with the remote control box. Reversing of the feed rolls will also reverse the auger in the pickup and sickle bar attachment as well as the entire row crop attachment for removal of slugs.
Attachment wheels are available for ease in mounting and changing attachments as shown in Figure 10. See “Optional Equipment” section for more details on attachment wheels.

REMOVING ATTACHMENT

1. Raise the attachment and install the attachment wheels (if using the optional wheels) then lower the attachment onto the wheels or blocking.
2. Remove the lift spring tension by means of the adjusting bolts as shown in Figure 11, or by locking the lift arms in the lowered position.

IMPORTANT: Locking bolt MUST BE removed after the attachment has been mounted and before attempting to raise the attachment.