

# Hesston 4700



The ideal baler for both medium-sized and large concerns. Its great capacity for work and oblong bales are the guarantee of a sound investment.

A multiple-purpose machine, above all! Fast amortisation ensured by its ability to handle straw, hay and pre-withered crops for ensilage.

Thanks to its exclusive features:

- Precompression chamber
- Double knot
- Automatic/hydraulic density setting

the Hesston 4700 makes its mark on account of the high density of its bales and the way it preserves the food value of the crop.

Its massive structure coupled with Hesston's ten-year experience in the manufacture of big balers continue to ensure that the 4700 stands out from the rest in terms of ruggedness, reliability and long service life.



**FIATAGRI**

The first high density big baler was introduced to the marketplace about 10 years ago.

Up to now, nobody offered a similar competitive machine, while Hesston has produced a new baler, the Hesston 4700, which makes available the technology of the big baler to the customer who cannot totally utilise the capacity of the biggest baler.

### Technical specifications

#### Dimensions and weight

Length: 6.53 m  
Width: 2.40 m  
Height: 2.67 m  
Weight: 5120 kg  
Tyres: 16.5/70-22.5

#### Bale sizes

Height: 0.85 m  
Wide: 0.80 m  
Bale length adjustable up to 2.40 m

#### Pick-up

Gathering width: 2.03 m  
No. of bars: 5  
Total no. of tines: 90  
Distance between tines: 86 mm  
Stub augers: 2  
Transmission: RC50 chain  
Lifting: hydraulic  
Carrying wheels: 4.00x8  
Safety devices, torque limiter and free wheel

#### Charge chamber

Feeding system  
- 3 crank feeder each crank with 2 teeth  
- speed 152 rpm  
- transmission RC80 chain  
Stuffer system  
- fork-type with 6 tines  
- transmission RC100 chain  
- protection - shear bolt

#### Bale chamber

Dimensions  
Width: 0.78 m  
Height: 0.83 m  
Plunger speed: 39 compression strokes per minute  
Length of plunger stroke: 75 cm  
Plunger support vertical: 2 rollers  
Plunger support horizontal: 4 rollers

#### Tying mechanism

4 Hesston double knot knotters  
Sisal or plastic twine  
Twine box capacity: 16 balls

#### Transmission

P.t.o. speed: 1,000 rpm  
Protection: heavy duty slip clutch and over-running clutch shearbolt  
Hypoid gears, mounted on taper roller bearings in oil bath

#### Brakes

Service: hydraulic brakes  
Parking: mechanical

#### Standard equipment

Bale chute  
Road lights  
Adjustable hitch  
Wide angle p.t.o.

#### Tractor requirements

Minimum power at p.t.o.: 75 hp  
P.t.o. speed: 1,000 rpm  
Hydraulic equipment:  
- one double acting external service  
- one trailer brake kit  
Weight on drawbar: 860 kg (machine empty)

#### Optional equipment

Monitor which includes check of:  
- flywheel brakes  
- knotter functions  
- feeder function  
- packer function  
Working lights  
Large tyres: 5.00/60-22.5 (6 PR)  
Pneumatic brakes

