

WELGER

small



\$3,000-3150

High-Density Baler

AP 45
AP 45 D for wire tying

The Up-to-Date, Top Capacity Standard Welger Baler

Model AP 45 is a new Welger development in the standard baler category. Its modern construction is based on a combination of tried and proven components from the well-known Welger AP range, and on the technological advance and invaluable experience gained from the operation of Welger balers in all parts of the world.

Model AP 45 is dimensioned to suit in particular the mediumsized holding. It mechanises the gathering of freshly cut, semi-dried hay and straw efficiently and economically, saves precious time, drastically cuts down crop losses and reduces space requirements in hauling and barn storage. Bales made on the AP 45 can be neatly stacked and simplify handling in the stable.

AP 45 balers can be used on every farm to match any work programme dictated by available labour, number of tractors and haulage vehicles, type of terrain and farm buildings. Machines are supplied, optionally, with loading chute, bale thrower or side deflector chute for orderly placing of bales along the tractor run.



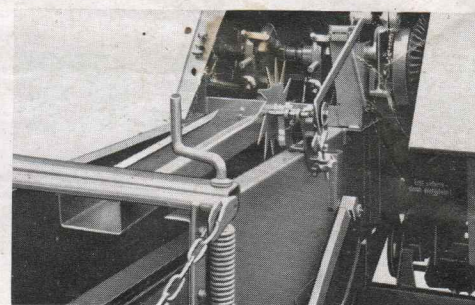
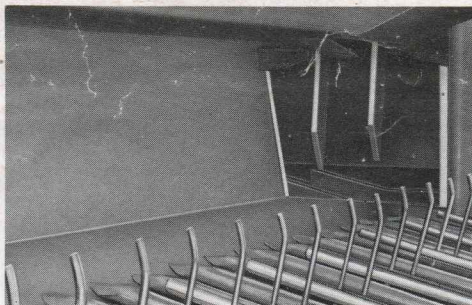
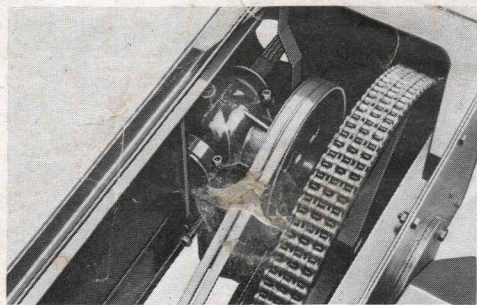
The AP 45 baler is of fully enclosed and exceptionally compact design. All drive components, such as oilbath gearbox, flywheel and pick-up drive, are located within the machine casing. This enclosure makes expensive and cumbersome guards superfluous which tend to rattle and become dented in time. The result is a cleanly styled, uncluttered, functional look.

In addition to its reliable, trouble-free operation, pick-up and feed components built to swallow crops at a formidable rate and the high contin-

uous baling capacity of up to 12 tons of hay per hour, the most winning plus features of the AP 45 are its operating ease and comfort and design perfection. These make for top performance and simple handling.

Model AP 45 is supplied for double tying by twine, model AP 45 D for double wire tying.





Uncomplicated, Rugged Drive

Drive design is similar to that fitted to over 100,000 WELGER balers. The transmission comprises oilbath gear-box — dual V-belt — three-strand chain drive. As on all Welger balers cross feeder and tying unit are powered via universal shaft. In this way, speed of packers and knotter needles is automatically timed with that of the roller-type ram. The pick-up is driven by V-belt.

Vibration-damped Pick-up

The broad Welger pick-up reel with its closely spaced, cranked-tip tines, gathers both short stalk crops and wide swaths cleanly and reliably. Pick-up weight is largely balanced by a torsion-rod spring suspension. In addition, the hydraulic vibration damper prevents bucking of the pick-up at high driving speeds in the field or over poor roads. Pick-up working height is varied from the tractor seat by the patented Welger automatic cable control. The extra-long swinging drawbar is also effortlessly controlled from the tractor.

High Baling Density, Square-cornered Bales

A long bale chamber, uniform feed rate and knives running the length of the large intake hole produce neatly shaped, compact bales, each cleanly separated from the other. Bale length is set over a wide range by easily accessible handwheel. Equally handy cranks set baling compaction from low to very high density. Bale weight is variable up to 66 lbs. (30 kg). Welger knotters are noted for reliable, secure tying of both sisal and plastic twines.

Technical Data

Baling chamber	14" x 19"
Bale length, infinitely variable from	20" to 48"
Bale weight, governed by length and density, AP 45	22 — 66 lbs.
AP 45 D	33 — 77 lbs.
Double tying	
AP 45 with sisal twine of runnage ...	225 ft/lb.
AP 45 D with wire of dia.07 in.
	(s. w. Gauge 15)
Material consumption per 20 cwts. (1,000 kg) of crop at average bale weight	
AP 45	approx. twine 2 1/4 lbs.
AP 45 D	approx. wire 8 lbs.

Number of ram strokes/min.	110
Pick-up working width	4' 11"
Baler weight	2,575 lbs.
Length, set for transit	14' 9"
Width	8' 6"
Height, excl. loading chute	4' 7"
Track width	7' 9"
Tyres, right	10 — 15 AM
left	7,00 — 12 AM
Required tractor power	
depending on crop and terrain	from 25 h. p.
with attached 3-ton trailer additionally	5 — 10 h. p.

Standard Equipment

Universal shaft drive; pick-up with windguard and cable control operated from tractor seat; swinging drawbar operated from tractor; screw jack adjustable for height;

front hitch 1 3/16" (20 mm) dia., on request 1 1/8" (30 mm) dia; balloon tyres; bale counter; guards; set of tools; operating instructions and spare parts list.

Extra Equipment

Universal shaft in various versions; towing hitch for trailers, on request adjustable for length; loading chute; side deflector; bale thrower; pick-up cover sheet; extra-large tyres.

As improvements are introduced from time to time, we reserve the right to make alterations.



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