

D8-62 • D8-61

Self-Propelled  
Harvester-Threshers



**MCCORMICK**  
**INTERNATIONAL**

# D8-62

## THE NEW MEDIUM

The new McCormick D8-62 Harvester Thresher produced at Heidelberg sets a high standard in its class for thorough, positive threshing and in cleaning and bagging the grain. Exhaustive tests at home and abroad in fields of down and tangled grain with heavy weed growth have proven that the D8-62 does first class work under the most difficult harvesting conditions.

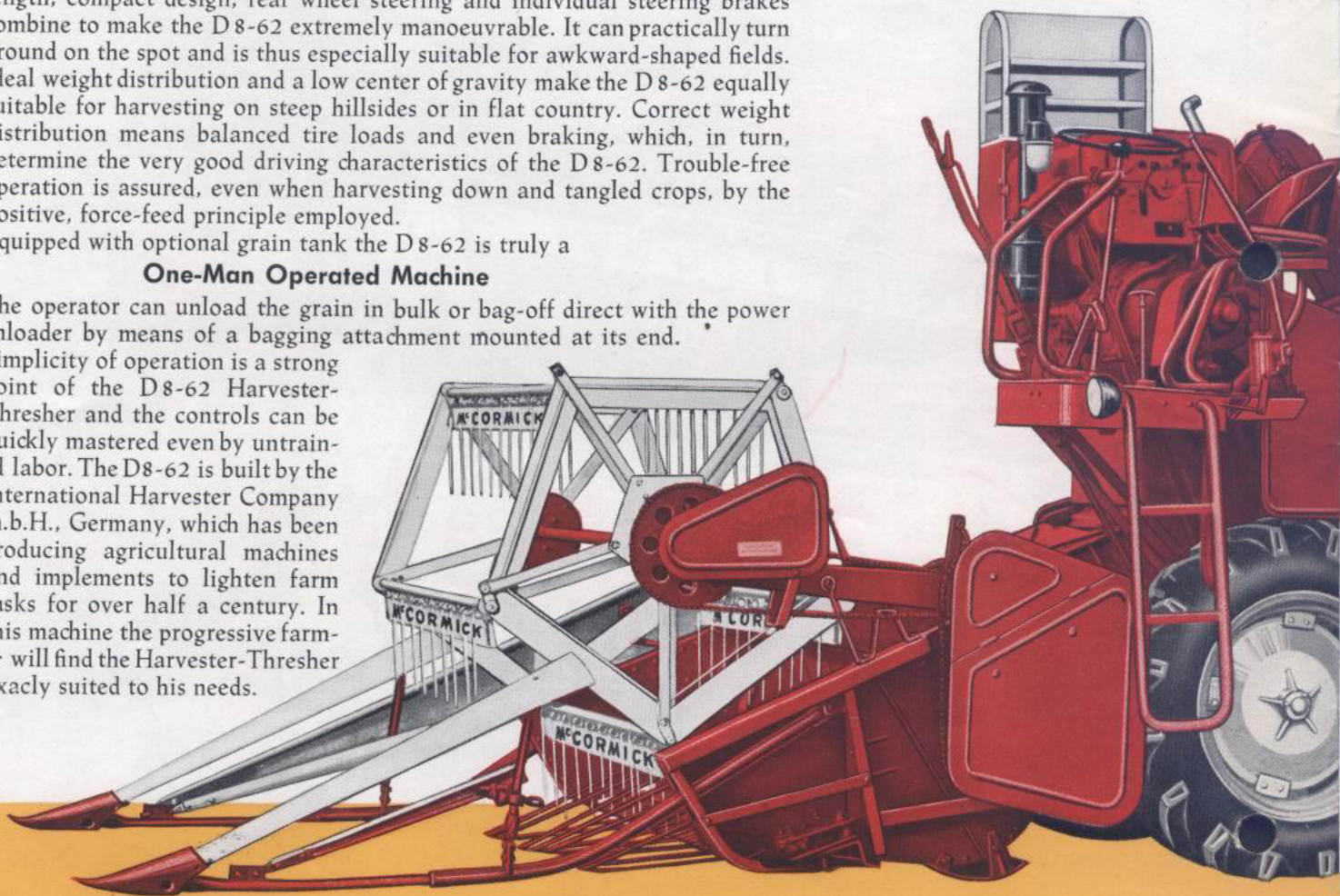
As it is self-propelled, the D8-62 can start harvesting the moment crops are ripe without any time-consuming work in opening up fields. Short over-all length, compact design, rear wheel steering and individual steering brakes combine to make the D8-62 extremely manoeuvrable. It can practically turn around on the spot and is thus especially suitable for awkward-shaped fields. Ideal weight distribution and a low center of gravity make the D8-62 equally suitable for harvesting on steep hillsides or in flat country. Correct weight distribution means balanced tire loads and even braking, which, in turn, determine the very good driving characteristics of the D8-62. Trouble-free operation is assured, even when harvesting down and tangled crops, by the positive, force-feed principle employed.

Equipped with optional grain tank the D8-62 is truly a

### One-Man Operated Machine

The operator can unload the grain in bulk or bag-off direct with the power unloader by means of a bagging attachment mounted at its end.

Simplicity of operation is a strong point of the D8-62 Harvester-Thresher and the controls can be quickly mastered even by untrained labor. The D8-62 is built by the International Harvester Company m.b.H., Germany, which has been producing agricultural machines and implements to lighten farm tasks for over half a century. In this machine the progressive farmer will find the Harvester-Thresher exactly suited to his needs.



### Hydraulic Platform Adjustment

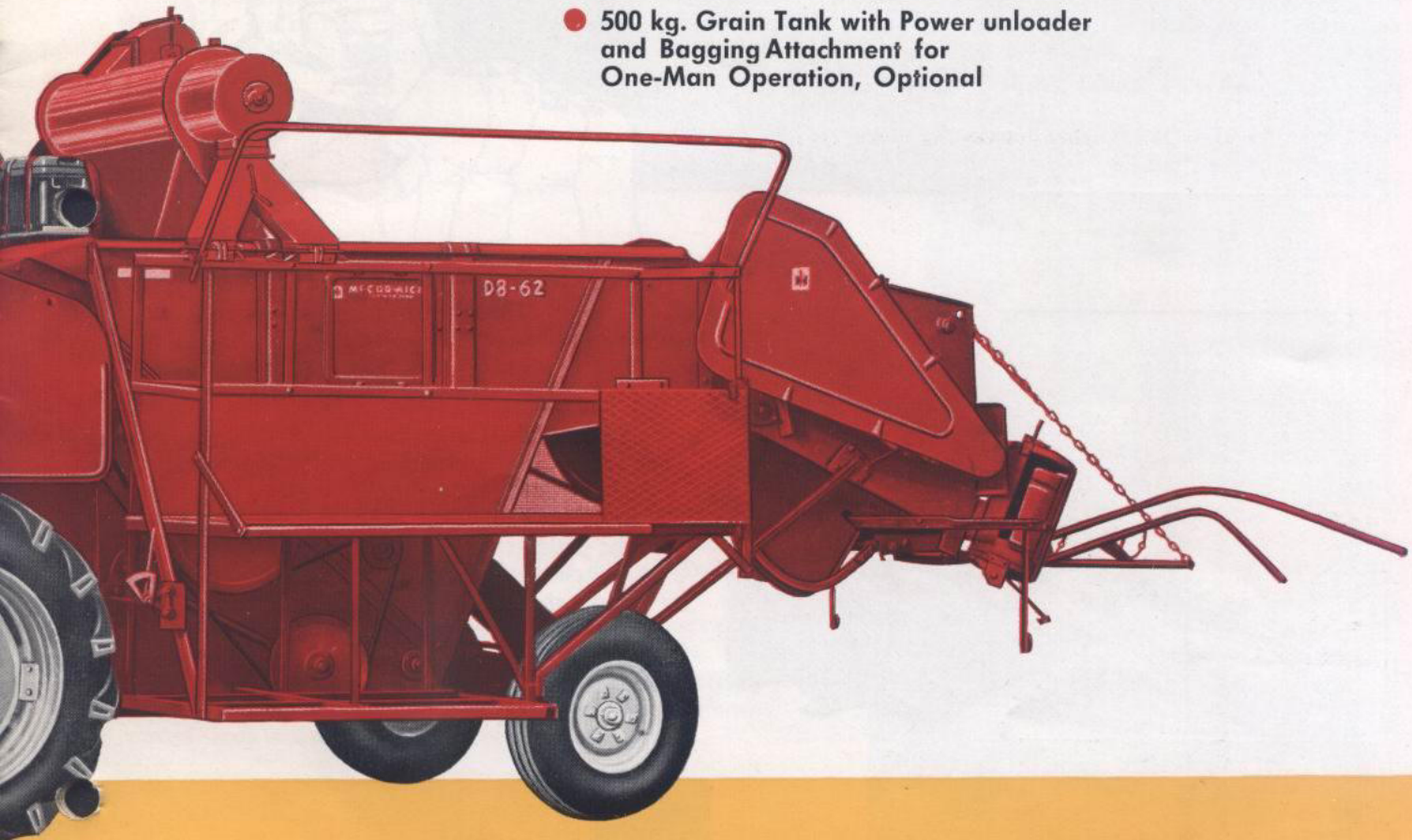
The cutting height of the D8-62 is varied by raising or lowering the platform hydraulically. The adjustment is infinitely variable and a simple pumping movement of the platform lever raises the platform with feed auger, cutter and reel. The platform is lowered by moving the same lever sideways. The platform is full floating to follow the contour of the ground.

### Unobstructed Vision - Unexcelled Comfort

The operator has a clear view of all instruments and controls from the driving seat and an unobstructed view of the cutter bar and inside divider. The comfortable upholstered seat cuts down driving fatigue and the controls are conveniently arranged and easy to operate. A three speed gearbox provides three forward speeds and a reverse speed. The drive is transmitted via variable diameter V-belt pulleys which permit the travel speed to be infinitely varied in each gear. The D8-62 is so easy to handle that even temporary hired labor can soon master the controls and do a good job of combining.

# SIZED SELF-PROPELLED COMBINE WITH THE LARGE CAPACITY

- Width of Cut 6 ft. 6 in.
- Working Width 7ft. (including gather)
- Double-Strength, Welded Box-Section Main Frame
- High, Large Capacity Bagging Platform
- Large-Section Front and Rear Tyres
- Heavy-Duty 34 h.p. I.H. Industrial Diesel Engine
- 500 kg. Grain Tank with Power unloader and Bagging Attachment for One-Man Operation, Optional



## High, Large-Capacity Bagging Platform

The high, roomy bagging platform is provided with two bagging spouts and a change-over lever. The man on the platform can inspect the threshed grain as it is delivered and adjust the wind volume to suit crop conditions. He can stack filled sacks to one side of the platform while the next sack is filling. The height of the bagging platform greatly facilitates transferring the sacks to a vehicle alongside.

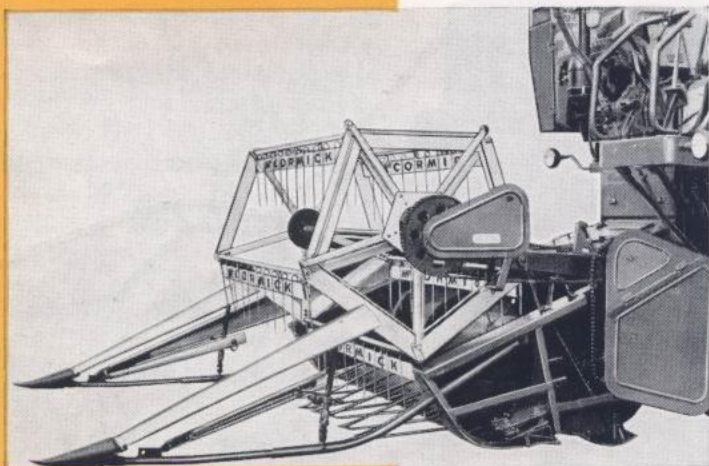
## Extremely Manoeuvrable

Rear wheel steering enables the D8-62 to make an extremely short turn. Independent wheel brakes increase its manoeuvrability. Measured on the inner front wheel, the minimum turning radius amounts to only 15<sup>3</sup>/<sub>4</sub> inches.



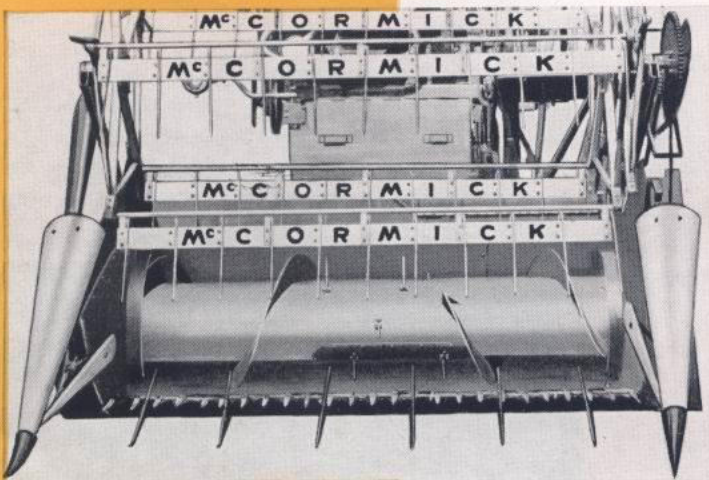


The platform, reel and cutterbar are in full view from the driver's seat. Situated on the left side, the seat is directly in line with the edge of the standing grain to give straight, full swath steering leaving no patches of uncut crop. High up, out of the dust, the driver has good all-round vision.



#### Robust I.H. Cutter Bar

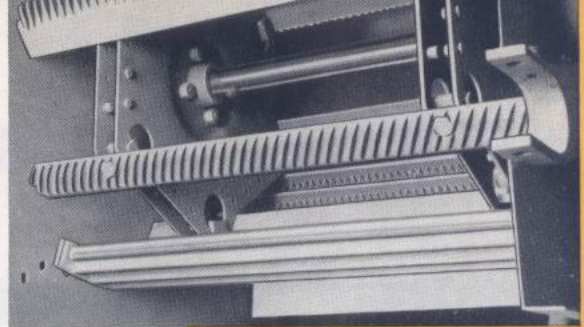
The D8-62 is equipped with the unexcelled McCormick cutter bar. The grain lifters are standard equipment and are designed to raise the grain gently without in any way impeding the cutter bar action. The sturdy platform auger moves the cut grain to the feeder in a positive, bunch-free, non-wrap feeding action. The fully adjustable fingers of the auger can be set to retract at precisely the right point to prevent wrapping.



#### Adjustable inner and outer dividers

The inner and outer dividers can be individually adjusted to suit crop conditions. They can be quickly and easily moved sideways or raised and lowered. They are interchangeable and permit fields to be harvested in a clockwise or counterclockwise direction. The pick-up reel which has adjustable pitch bats, is regular equipment. It conforms to the movements of the platform without impeding the action of other units.

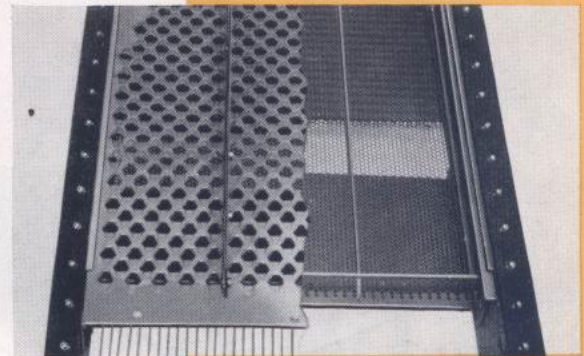
Careful arrangement of the cylinder, concave, and beater in relation to one another ensures a steady uninterrupted, non-clogging, through-flow of the crop, even with long-straw varieties. The extra large threshing area formed by the full-width ten-bar concave and the specially shaped concave extension prevents bunching and cushioning. Crops are gently and cleanly threshed as they pass in a smooth, straight-through flow to the straw walkers, and kernel scuffing and cracking are eliminated.



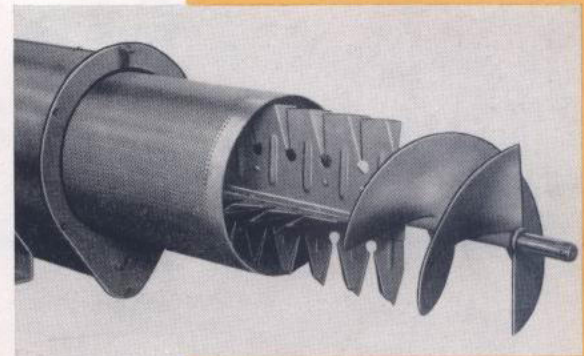
2,295 square inches of three-section straw walkers ensure complete separation and maximum grain in the bag. The independent oscillating action of the three section straw walkers keeps the straw moving ceaselessly to the rear in an even, spreading, separating movement. Two check flaps keep the flow of cut grain in contact with the straw walkers to ensure complete separation and prevent grain-wasting "throw over" — nothing is left to chance.



Accurate positioning of the cleaning fan in relation to the grain and chaffer unit, and the carefully graded sieves provided with the machine ensure delivery of super-clean grain to the bagging spout. The sieves can be interchanged to suit various types of crop.



Thorough cleaning is aided by the high-volume six-blade cleaning fan. Wind volume can be easily adjusted from the bagging platform, and the blast direction can be varied. A "Scourkleen" weed seed cleaner, pictured here, with interchangeable cylinders of various mesh sizes is regular equipment on the D8-62. The "Scourkleener" removes weed seeds and dirt, and aids weed control.

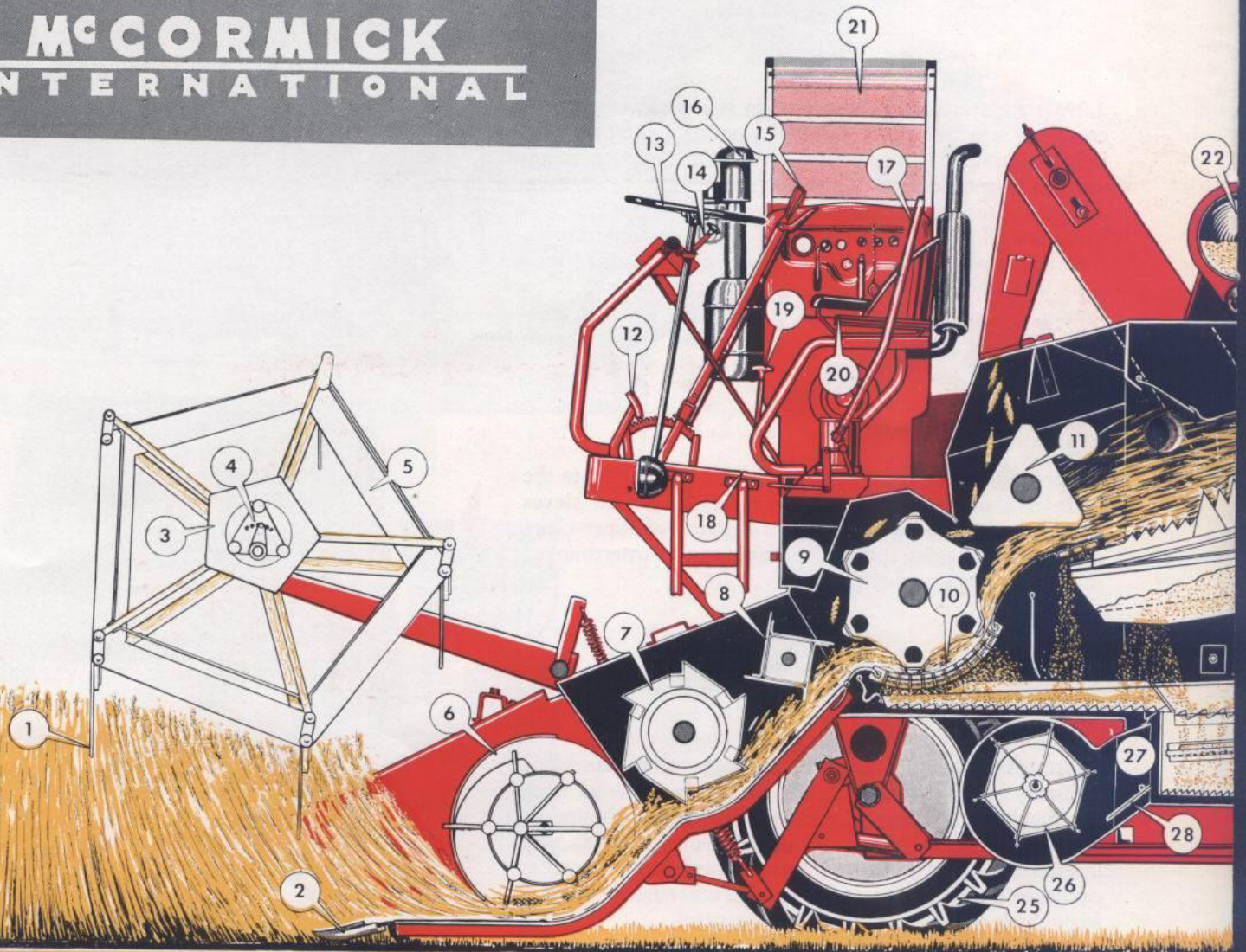


**LIFE-LUBRICATED BALL BEARINGS**  
Sealed-in lubricant ball bearings are used at 17 different points in the D8 62 Harvester Thresher — on fast-running shafts and at the more inaccessible points. Lubricant is sealed in and dust and dirt sealed out. The bearings assure quiet, smooth running and long life, and reduce maintenance.



# PRECISION-BUILT . . . EFFICIENT . . .

## MCCORMICK INTERNATIONAL

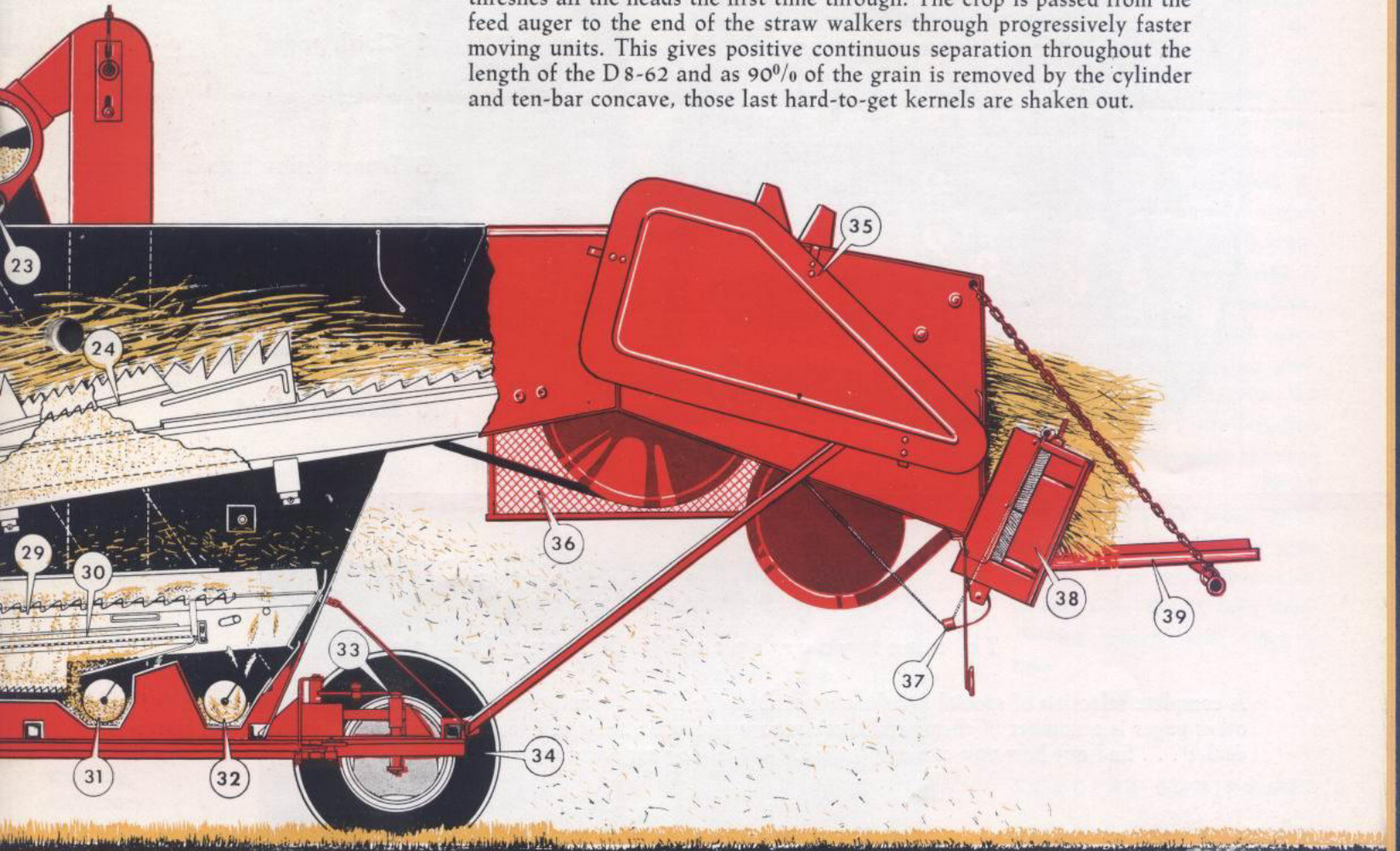


- 1 Adjustable pitch bats
- 2 Cutterbar
- 3 Pick-up reel
- 4 Reel bat pitch-adjustment
- 5 Reel braces
- 6 Feed auger
- 7 Front feed beater
- 8 Rear feed beater
- 9 Cylinder
- 10 Concave

- 11 Cylinder beater
- 12 Foot brake pedal
- 13 Steering wheel
- 14 Gear shift lever
- 15 Reel adjustment lever
- 16 Oil-bath air cleaner
- 17 Platform hydraulic lever
- 18 Operator's platform
- 19 Hand brake
- 20 Driving seat

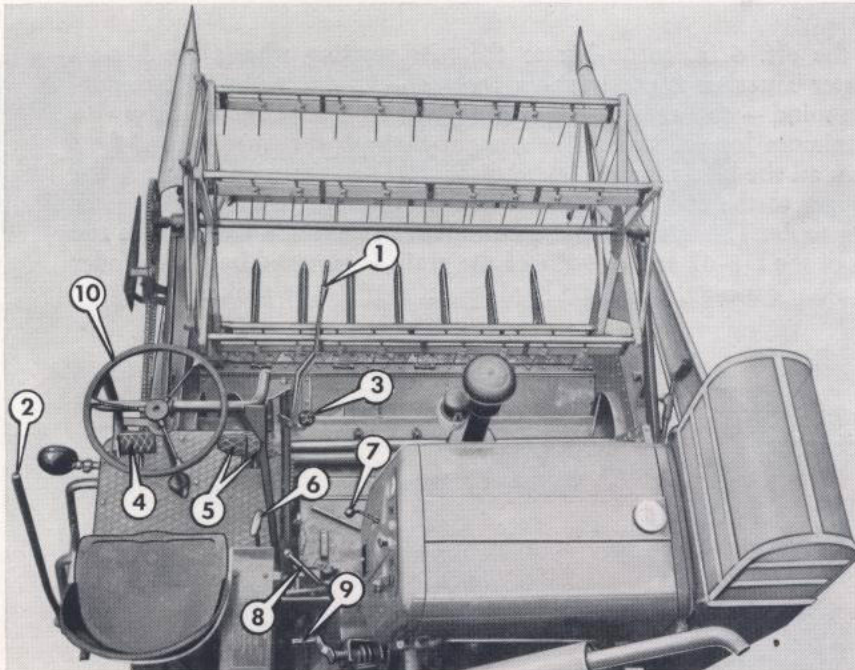
# COMPACT . . . McCORMICK D8-62

From the 6ft. 6 in. cutter-bar to the rear steering wheels the D8-62 Harvester Thresher is precision-engineered — engineered with one purpose in mind — to harvest grain thoroughly, carefully, and cleanly with the minimum lose of time. The straight-through system of the D8-62 threshes all the heads the first time through. The crop is passed from the feed auger to the end of the straw walkers through progressively faster moving units. This gives positive continuous separation throughout the length of the D8-62 and as 90% of the grain is removed by the cylinder and ten-bar concave, those last hard-to-get kernels are shaken out.



- |                             |  |
|-----------------------------|--|
| 21 Cooling-air intake       | 31 Grain auger                           |
| 22 „Scour Kleener“          | 32 Tailings elevator                     |
| 23 Weed seed auger          | 33 Steering axle                         |
| 24 Straw walkers            | 34 Rear wheels                           |
| 25 Drive wheels             | 35 Straw press                           |
| 26 Cleaning fan             | 36 Safety guard<br>(Exchangeable sieves) |
| 27 Fan housing extension    | 37 Twine feed                            |
| 28 Wind direction regulator | 38 Twine can                             |
| 29 Chaffer sieve            | 39 Bale chute                            |
| 30 Shoe sieve               |  |

## Unobstructed Vision - Unexcelled Comfort



- 1 Reel control lever
- 2 Platform hydraulic control lever
- 3 Gear shift lever
- 4 Clutch pedal
- 5 Brake pedals
- 6 Transmission handbrake lever
- 7 Hand throttle
- 8 Separator control lever
- 9 Variable travel-speed control
- 10 Steering wheel

## ATTACHMENTS

To meet your specific harvesting needs

A complete selection of special attachments enables the D 8-62 to meet your exact harvest needs. Shown on this and other pages is a number of them, and there are many more... designed to meet every crop need. See your Harvester dealer... find out how you can equip the D 8-62 to do your harvest job... better and faster.

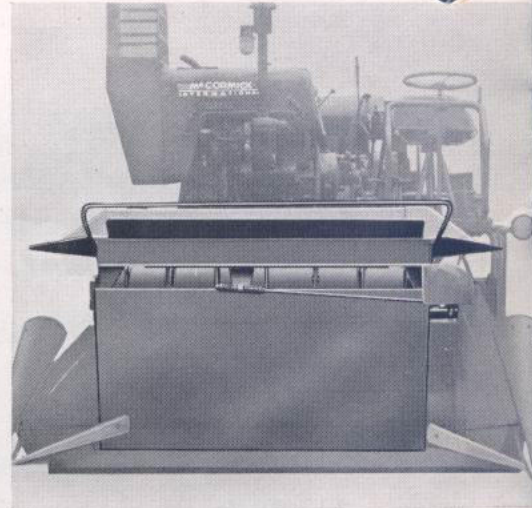
A double-tying straw press is available as special equipment

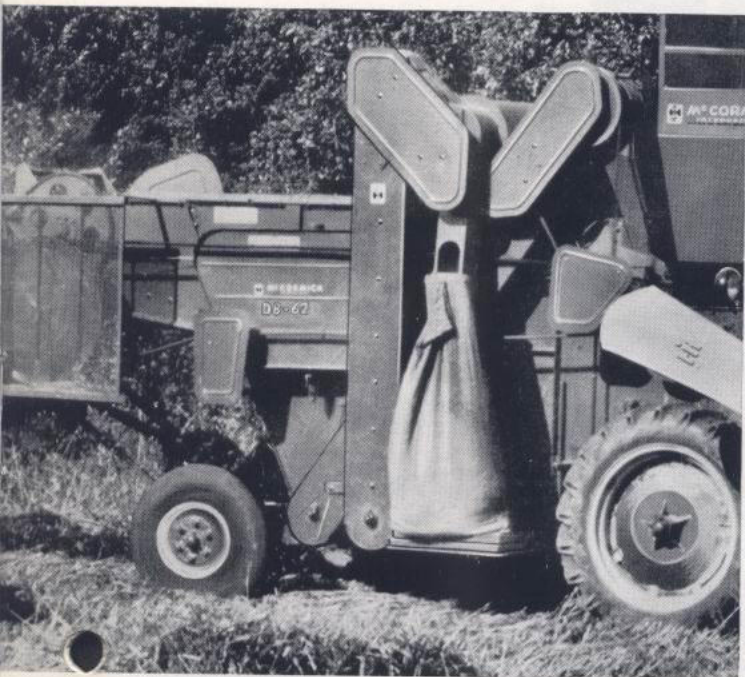


There is also a straw chopper for use when straw is not harvested.



A stationary threshing attachment can be mounted for threshing out of the stack.





Weed seeds and dirt separated in the "ScourKleener" are delivered to a separate bagging platform into a sack. Subsequent destruction of the weed seeds will aid clearing the land of unwanted "crops".

When equipped with the stationary threshing attachment, seeded crops can be threshed in off-peak periods. By using the D8-62 to thresh a neighbor's crops it can be made to earn its keep.



#### REGULAR EQUIPMENT

34 b.h.p. 3 cylinder IH-Diesel engine. Three-speed transmission with variable-speed drive and reverse gear. Individually operated Duplex brakes. Separate handbrake. 2 knives. Adjustable auger with fully retractable fingers. Adjustable pick-up reel with adjustable pitch bats. Adjustable inner and outer dividers. Cylinder (speed adjustable from 865—1,245 r.p.m.). Full width 10-bar adjustable concave. Three-section straw walkers, 3 interchangeable grain sieves with 6, 8 and 10 mm. mesh. "ScourKleener" with 4 or 5 mm. mesh cylinder insert. High bagging platform with 2 bagging spouts. Set of 8 grain lifters. Straw deflector with additional weights for rear wheels (not applicable if ordered with built-on straw press). Electric horn. Electric lighting with battery. Set of tools. Main drive wheels with 10 x 24 tires. Rear steering wheels with 7.00 x 12 tires.

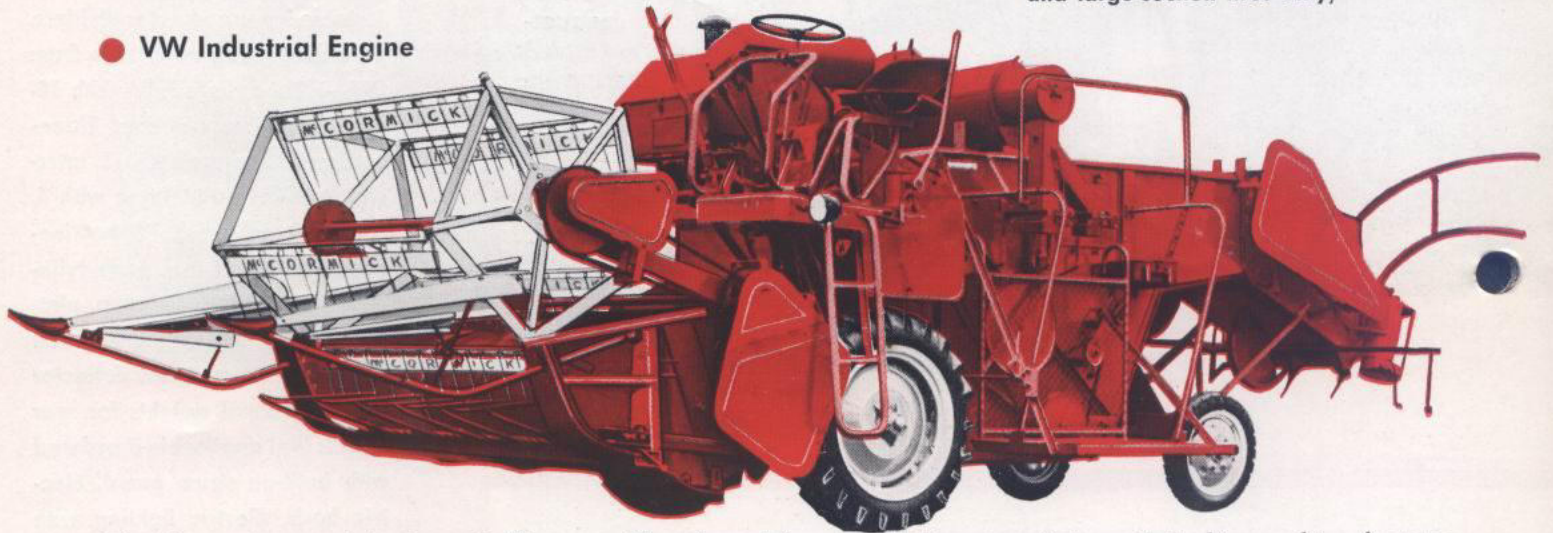
#### SPECIAL EQUIPMENT

Grain tank (500 kilos. capacity) with power unloader. Double-tying straw press. Cylinder insert with 4 or 5 mm. mesh for "ScourKleener". Blind cylinder insert for "ScourKleener". De-bearding device. Straw chopper for machines without straw press. Straw chopper for machines with double-tying straw press. Windrow pick-up attachment. Hour meter. Special 2.8, 4, 12 or 16 mm grain sieves. Sprocket for fast reel speed. Sprockets for 687 r.p.m. or 766 r.p.m. cylinder speeds. Fire extinguisher. Platform auger through top shield.

# D8-61

## EXCEPTIONALLY

- Width of Cut 6 ft.
- Working Width 6 ft. 6 in. (including gather)
- 34 b.h.p. 3-cylinder IH-Diesel Engine Optional
- Robust construction
- Low Bagging Platform
- High Bagging Platform (in conjunction with IH Diesel engine and large-section tires only)
- VW Industrial Engine

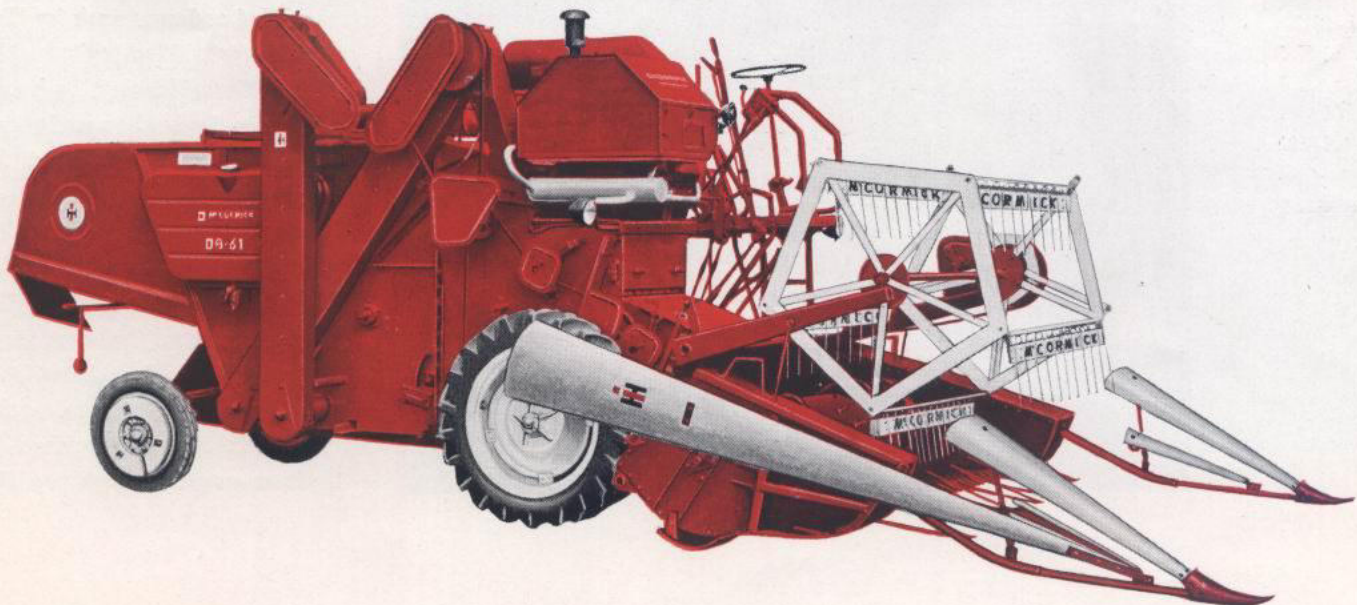


The D8-61 is a straight-through Harvester-Thresher with a very high output. It has all the big combine features plus exceptional manoeuvrability at a price to fit the budget of the smaller farm.

The separator — the all-important heart of the combine — is the same as that of the D8-62 described in the foregoing pages.

The D8-61 transmission provides three forward speeds and a reverse with variable speed propulsion drive. By means of a convenient control the diameters of the two drive pulleys can be simultaneously altered. This permits the Harvester Thresher to be slowed down or brought to a stand still without declutching or shifting gears. The ratio of travel speed to separator speed can thus be accurately matched to different ground and crop conditions immediately. The regular model is equipped with a Volkswagen industrial engine and low bagging platform. The D8-61 is also available with the powerful IH 3-cylinder industrial engine, high, large capacity bagging platform and large-section tires, as special equipment.

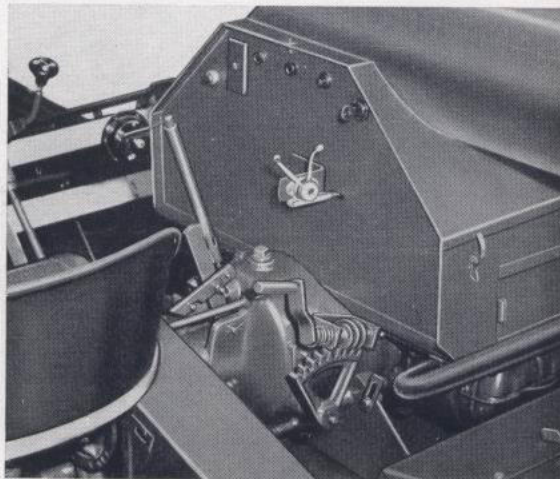
Listed on the next page is a further selection of special equipment for the D8-61 Harvester-Thresher designed to meet specific harvesting needs.



# MANOEUVRABLE . . . . EXTREMELY EFFICIENT

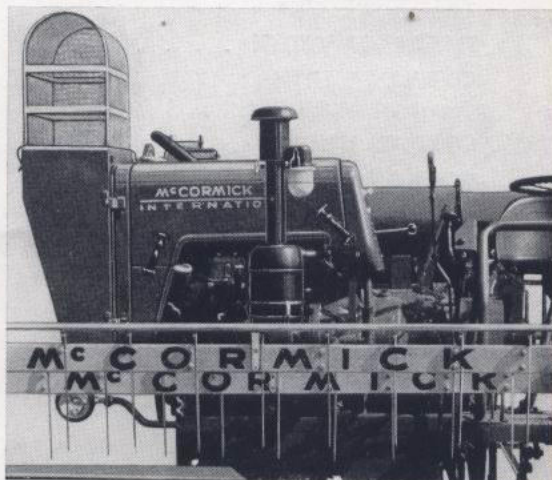
## VW Gasoline Engine

This view shows the D8-61 equipped with the VW engine. The instrument panel and engine controls are conveniently situated on the right of the operator's seat. The Harvester Thresher gear lever, separator control lever and variable-speed propulsion control are very handily placed.



## IH-Diesel Engine

The special equipment IH 3-cylinder Diesel engine is mounted high up out of the dust and chaff. Choice of engines enables the D8-61 to fit into the over-all small farm plan without complicating the fuel storage problem. The lower picture shows the D8-61 equipped with low-level bagging platform and straw press.



## REGULAR EQUIPMENT

VW Industrial gasoline engine. Three-speed transmission with variable-speed drive and reverse gear. Individually operated Duplex brakes. Separate handbrake. 2 knives. Adjustable auger with fully retractable fingers. Adjustable pick-up reel with adjustable pitch bats. Adjustable inner and outer dividers. Cylinder (speed adjustable from 865—1,245 r.p.m.). Full width 10-bar adjustable concave. Three-section straw walkers. 3 interchangeable grain sieves with 6, 8 and 10 mm mesh. "ScourKleener" with 4 or 5 mm mesh cylinder insert. Low bagging platform with 2 bagging spouts. Set of 7 grain lifters. Straw deflector with additional weights for rear wheels (not applicable if ordered with built-on straw press). Electric horn. Electric lighting with battery. Set of tools. Main drive wheels with 9 x 24 tires. Rear steering wheels with 4.00 x 15 tires.

## SPECIAL EQUIPMENT

34 b.h.p. 3-cylinder IH Diesel engine. High bagging platform (in conjunction with IH engine and large section tires only). Single or double-tying straw press. Cylinder insert with 4 or 5 mm. mesh for "ScourKleener". Blind cylinder insert for "ScourKleener". De-bearding device. Straw chopper for machines without straw press. Straw chopper for machines with single-tying straw press. Windrow pick-up attachment. Hour meter for IH Diesel engine. Special 2.8, 4, 12 or 16 mm. grain sieves. Sprocket for fast reel speed. Sprockets for 687 r.p.m. or 766 r.p.m. cylinder speeds. Fire extinguisher. Platform auger through top shield. 10 x 24 front tires and 7.00 x 12 rear tires.



The D8-62 and D8-61 Harvester Threshers are built in the new ultra-modern IH-Works at Heidelberg. The efficient after-sales service built up during the last fifty years is a guarantee of continued interest in the welfare of IH-products after sales.



## D8-61 AND D8-62 SPECIFICATIONS

### ENGINE:

D8-61 . . . . . VW Industrial Gasoline  
 D8-62 . . . . . 3-Cylinder IH Diesel

### WIDTH OF CUT WITH GATHER:

D8-61 . . . . . 6 ft. 6 in.  
 D8-62 . . . . . 7 ft.

### LENGTH OF CUTTER BAR:

D8-61 . . . . . 6 ft.  
 D8-62 . . . . . 6 ft. 6 in.

### WEIGHT (WITHOUT STRAW PRESS):

D8-61 . . . . . 5,104 lbs.  
 D8-62 . . . . . 5,926 lbs.

### TREAD FRONT:

D8-61 . . . . . 5 ft. 5<sup>3</sup>/<sub>4</sub> in.  
 D8-62 . . . . . 5 ft. 9<sup>3</sup>/<sub>4</sub> in.

### TREAD REAR:

D8-61 . . . . . 3 ft. 11<sup>1</sup>/<sub>4</sub> in.  
 D8-62 . . . . . 4 ft. 1<sup>3</sup>/<sub>4</sub> in.

### MAIN WHEELS (TIRE SIZE):

D8-61 . . . . . 9.00 x 24  
 D8-62 . . . . . 10.00 x 24  
 Special:  
 D8-61 . . . . . 10.00 x 24

### GUIDE WHEELS:

D8-61 . . . . . 4.00 x 15  
 D8-62 . . . . . 7.00 x 12  
 Special:  
 D8-61 . . . . . 7.00 x 12

### BOTH MACHINES

SEPARATOR WIDTH . . . . . 28 in.

### OVER-ALL WIDTH:

Transport Position . . . . . 8 ft. 2<sup>1</sup>/<sub>2</sub> in.

OVER-ALL HEIGHT . . . . . 8 ft. 2<sup>1</sup>/<sub>2</sub> in.

### OVER-ALL LENGTH:

Transport Position  
 (without straw press) . . . . . 22 ft. 4<sup>1</sup>/<sub>2</sub> in.  
 (with straw press) . . . . . 25 ft. 9<sup>1</sup>/<sub>2</sub> in.

### Operating Position

(without straw press) . . . . . 22 ft.  
 (with straw press) . . . . . 30 ft.

CUTTING RANGE . . . . . 1<sup>1</sup>/<sub>2</sub>—20 in.

### CYLINDER:

Diameter . . . . . 18 in.  
 Speeds  
 Standard 865, 996, 1108, 1245 r.p.m.  
 Special 687, 766 r.p.m.  
 Number of Bars . . . . . 6

### STRAW WALKERS:

Length . . . . . 87<sup>3</sup>/<sub>4</sub> in.  
 Width . . . . . 2 ft. 4 in.  
 Area . . . . . 2,295 sq. in.

### CLEANING ACTION:

Double, Cleaning Fan and ScourKleener

### REEL:

Diameter . . . . . 41<sup>3</sup>/<sub>4</sub> in.  
 Number of Bats . . . . . 5  
 Standard Speeds . . . . . 19.5, 22, 24 r.p.m.  
 Special Speed . . . . . 24.5, 27.2, 30 r.p.m.

### BRAKES:

Individual Duplex, Foot operated,  
 Dimensions . . . . . 7.8 x 2 in.  
 Handbrake, Transmission Band Brake

### TURNING RADIUS:

Measured on Inner Front Wheel 15<sup>3</sup>/<sub>4</sub> in..

### TRANSMISSION:

3 Forward Speeds and Reverse Speed  
 Infinitely Variable Propulsion Drive  
 Front Wheel Drive

### OPERATING SPEEDS (STANDARD TIRES)

GEAR	M.P.H.	K.M.
First	1 to 2.7	1.7 to 4.4
Second	1.7 to 4.5	2.8 to 7.3
Third	4.2 to 11	6.8 to 18
Reverse	1.5 to 4	2.5 to 6.4



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