

New Holland Square Balers

565 570 575 580 BALE THROWER 72



NEW HOLLAND



Reliable, hard-working balers

A proud heritage

Over 60 years ago New Holland introduced the first successful automatic hay baler. Farmers recognized its value immediately. They rushed to buy it. And that's the way it continues, with the latest generation of award-winning balers.



Excellence in engineering

The exclusive New Holland rotary feeding system won the recognition of the American Society of Agricultural Engineers for "excellence in engineering innovation and design for a feeding system that provides improved bale quality, in a variety of crops, with minimal adjustment and maintenance."

Proven performance

Commercial haying operations and operators who custom-bale for horse farms are the biggest fans of New Holland square balers. That's because

their livelihood depends on making consistent bales that meet the exacting demands of horse and livestock owners. They put their trust in the proven performance of New Holland balers.

Convenient feeding

New Holland bales are the only choice for hand feeding. You can quickly separate the flakes, and with New Hollands' consistent bale density, you know exactly how much each animal receives.

Crop-saving capacity and reliability

You'll find many more award-winning benefits to help increase your productivity:

- The Super-Sweep pickup saves valuable crop
- The plunger runs on sealed bearings and packs uniform, dense bales in all crop conditions
- A gear-driven knotter ties thousands of bales without a miss
- The exclusive Power-Pivot PTO provides extra maneuverability

Nobody understands baling quite like New Holland. That's why you can rely on your New Holland baler to be more productive, more reliable and easier to use and maintain than ever before.





Everything you'd expect from a New Holland baler, and more...

Reliability

New Holland balers are known as the most dependable balers. There are many reasons why. The Models 565, 570, 575 and 580 have heavy-duty tongues, big drive lines, tough plungers, gear-driven tying systems and heavy-duty feeding systems – all designed to give you years of dependable service.

Capacity

Wide pickups on all models consume wider windrows...in all

kinds of crop. Pair these wide pickups with high-capacity feeding systems and you have an unmatched capacity team.

Consistent bale quality

The rotary feeding system, a New Holland exclusive on Models 570, 575 and 580, delivers top capacity and square, uniform bales...bales that are picked up easier by automatic bale wagons, and bales that stack easier.

The Model 565 features the reliable Flow-Action® feeding

system. All balers have six hay dogs in the bale case for dense, high-quality bales.

Compare the balers, point for point

There are three different 14x18 models, plus a high-output 16x18 model. Choose the one that meets your needs. And, if you're not quite sure which is the right one for you, ask your nearby New Holland dealer to bring one to your farm for a demonstration.



565

- Super-Sweep pickup: 65 inches wide; 70 inches (flare)
- 88 teeth on four bars (44 double fingers)
- Exclusive Flow-Action® feeder
- Adjustable feeder back
- 283-square-inch feed opening
- 79 SPM on a 30-inch stroke
- Twine tie only
- Category 4 driveline
- 35 hp (minimum) tractor required



570

- Super-Sweep pickup: 65 inches wide; 70 inches (flare)
- 110 teeth on five bars (55 double fingers)
- Exclusive rotary feeder
- 283-square-inch feed opening
- 93 SPM on a 30-inch stroke
- Twine or wire tie
- Category 6 driveline
- 62 hp (minimum) tractor required

575

- Super-Sweep pickup:
75 inches wide; 80 inches (flare)
- 156 teeth on six bars
(78 double fingers)
- Exclusive rotary feeder
- 283-square-inch feed opening
- 93 SPM on a 30-inch stroke
- Twine or wire tie
- Category 6 driveline
- 75 hp (minimum) tractor required
- HD knotters with hardened steel
and bill hook cams



580

- Super-Sweep pickup: 75 inches
wide; 80 inches (flare)
- 156 teeth on six bars
(78 double fingers)
- Exclusive rotary feeder
- 318-square-inch feed opening
- 93 SPM on a 30-inch stroke
- Twine tie only
- Category 6 driveline
- 80-hp (minimum) tractor required
- HD knotters with hardened steel
and bill hook cams

MODEL 565

The economical 14 x 18 baler for family-sized farms

The 565 is the right size baler... at the right price. Proven performance, durability, and capacity make the 565 the right choice for today's family farm.



The adjustable feeder back lets you control crop flow into the bale chamber. Simply loosen three bolts on each side, set at the desired position, and then retighten the bolts.



Tension springs are the economical way to adjust bale tension. A one-half-inch increase in spring tension equals 600 pounds of increased force.



MODEL 570

The high-capacity 14 x 18 baler for mid-size baling operations



A heavy-duty PTO is standard.



You get a big six-ball twine box on the 570. Conveniently located at the rear of the baler, the box has a hinged lid to keep twine clean and dry.

The Model 570 handles high-capacity crops with a 65-inch wide Super-Sweep pickup. Add a hydraulic Model 72 Thrower and you'll save a lot of labor and fill your wagons fast.

MODEL 575

The best-selling 14 x 18 baler in North America



With an extra wide 75-inch Super-Sweep pickup and high-capacity rotary feeding system, the Model 575 handles bigger, wider windrows. It's the top performer in its class for big haying operations and custom operators.



Adjustable bale tension doors make it easy to change bale density at the bale case.



You can also equip your baler with hydroformatic bale tension control. This feature helps maintain uniform bale density in varying crop conditions.

MODEL 580

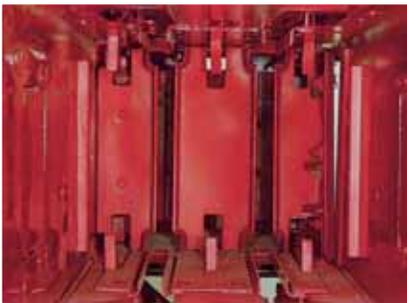
The high-output 16 x 18 baler with rugged reliability

High-capacity baling with the 16 x 18-inch Model 580 makes the most of every minute. The 580 is fast, dependable, and makes solid, square, quality bales that are easier to handle with auto-

matic bale wagons. Big-scale hay growers and custom operator choose the 580 because it makes short work of big haying jobs, and keeps running strong, year after year.



The hydraulic doors work with hydraformatic bale tension to control pressure on all sides of the bale. It helps deliver firm, square-shouldered bales.



A replaceable bale chamber bottom (left) increases the life of the entire bale chamber. This can be a big asset in sandy soil and abrasive conditions.



The oversized twine box (left) is perfect for handling large balls of twine.



The capacity you want, and the rugged reliability you need



1 Adjustable packer fork on the 570, 575 and 580 is easily adjustable to handle various crops for consistent bale formation.

2 New Holland tying systems are proven for their “thousands of bales without a miss”. Gear drives make them even easier to keep in time.

3 Rugged bale chamber is designed for better bale formation. Six hay dogs hold charges in place for firm, quality bales.

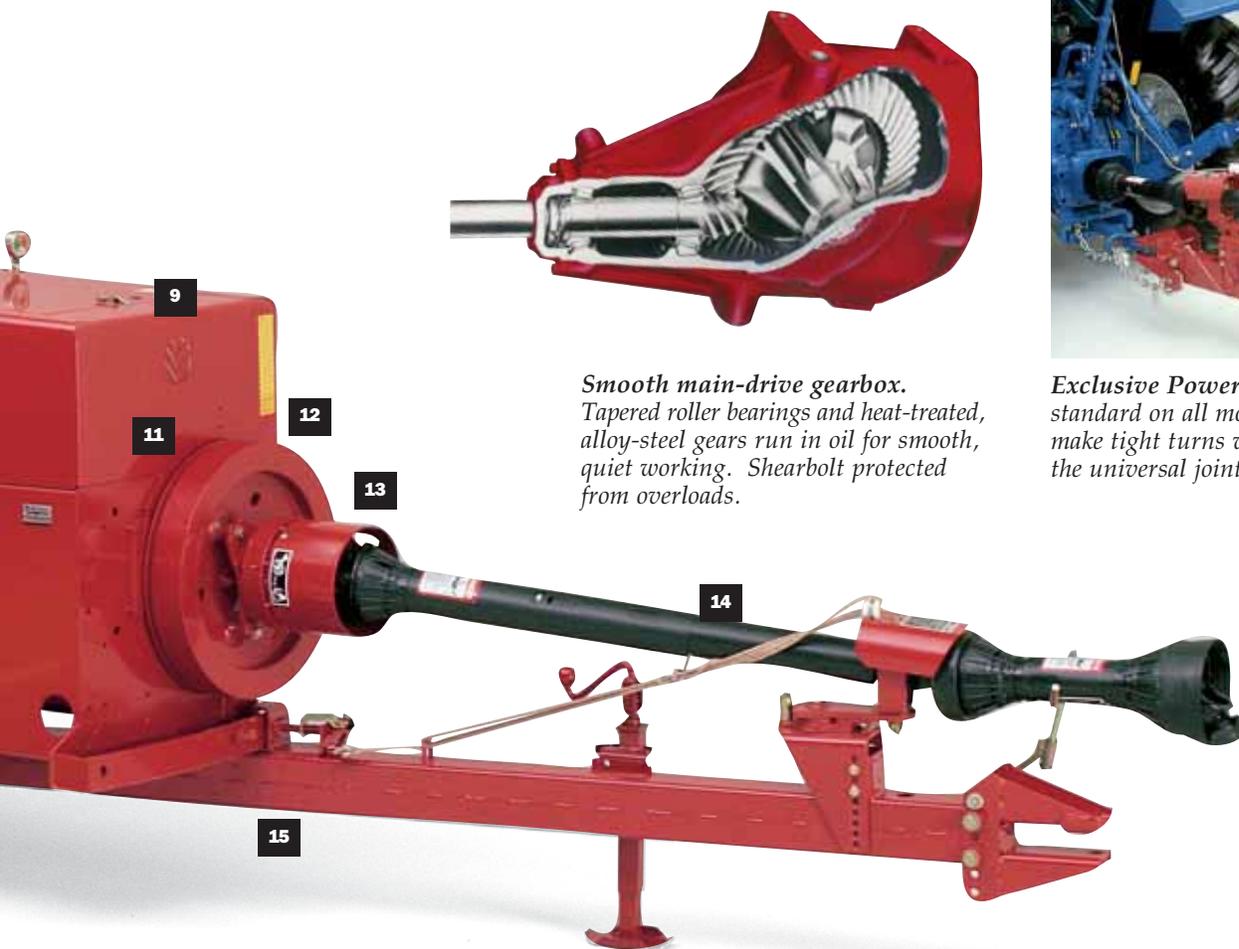
4 High-capacity feeding systems. The rotary feeder is standard on the 570, 575 and 580. The time-proven Flow-Action® feeder on the 565. Both systems are adjustable to work in varying crops, from alfalfa to slippery grasses.

5 Floating windguard controls the windrow and forms a smooth mat for positive feeding.

6 Flotation tires are standard equipment. They smooth out the ride in the roughest fields, while taking it easy on tender alfalfa regrowth.

7 Belt-driven pickup acts as a slip clutch to prevent overloads. The pickup can be backed up without damaging the pickup teeth (“lost motion drive”).

8 Pickup gauge wheel is standard equipment. It compensates for uneven field conditions as it protects pickup teeth. Flotation tire (shown) is standard on Models 575 and 580.



Smooth main-drive gearbox. Tapered roller bearings and heat-treated, alloy-steel gears run in oil for smooth, quiet working. Shearbolt protected from overloads.

Exclusive Power-Pivot PTO is standard on all models. You can make tight turns with less wear on the universal joints.

9 Strong plunger rides on sealed ball bearings and white iron slide blocks which provide optimum bale shape and density. Two bearings and one plunger rail are adjustable for maintaining proper alignment.

10 Large feed opening handles the big-capacity pickup and feeder.

11 Fast plunger speed, long plunger stroke. Thirty-inch stroke for all balers; speed is set to maximize baler capacity (from 79 to 93 SPM, depending on the model).

12 Large flywheel provides smooth power transfer.

13 Slip clutch protection. Three-disk clutch on the 580 and 575, two disk on the 570 and 565, along with overrunning drives, gives gentle load engagement, long life, and greater load capacity.

14 Large driveline – Category 6 on the 580, 575, and 570, Category 4 on the 565. Lets you push more power into the baler for high-capacity baling.

15 Heavy-duty tongue attaches directly to the axle (not the bale chamber) to keep towing stresses from passing through the chamber. Two field positions are available for use with various tractor widths. (Optional hydraulic tongue swing kit available)

16 Super-wide, Super-Sweep pickup is standard on all balers. Curved teeth get the short fine crop other pickups miss. Clear pickup visibility ensures plugfree feeding.

PICKUPS, PLUNGERS AND KNOTTERS

What makes a quality bale?

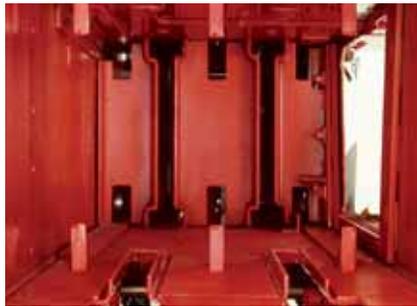
You can rely on your New Holland baler to make consistent, high-quality bales season after season. They're specifically designed to produce the kind of dense, uniform bales that stack and transport easily.

Super-Sweep pickups

All balers feature wide Super-Sweep pickups. The 565 and 570 have a 65-inch-width pickup (without flare); 70 inches with the flare. The pickup for the 575 and 580 measures 75 inches across (without flare); 80 inches on the flare.

Pair this wider pickup area with the exclusive action of the Super-Sweep pickup, and you'll get the extra crop that's missed by conventional pickups.

Multiple rows of pickup teeth work between narrow flanged guards, saving stems and protein-rich leaves. Pickup teeth are made of durable music wire for extra-long life. Guards also protect tines from damage.



The rugged bale chamber is designed for better bale formation. Six hay dogs hold charges in place for firm, quality bales.

A floating windguard (13-rod on the 580 and 575, eight on the 570 and 565) gets the windrow under control early. The pickup gauge wheel guides the pickup smoothly across the changing terrain. It's adjustable to five positions.

The belt-driven Super-Sweep pickup is protected against overloads so it's sure to provide a long, trouble-free life. Plus, the "lost motion drive" capability lets you back up the baler without damaging pickup teeth.

Stronger plunger

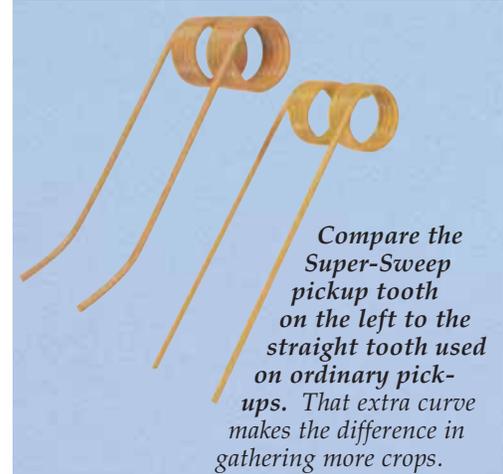
High-strength steel is used throughout the plunger mechanism for reliable baling. Plunger rails have been repositioned to eliminate grooving in the bale.

Dependable tying

Reliable twine knotters or wire twisters go thousands of bales without a miss. Knotters have hard-surface material at important wear points for long life and smooth tying.



The plunger runs on sealed ball-bearing rollers and wear-resistant white-iron slides for minimal maintenance and fewer adjustments.



Compare the Super-Sweep pickup tooth on the left to the straight tooth used on ordinary pickups. That extra curve makes the difference in gathering more crops.

All balers feature wide, Super-Sweep pickups to get every bit of your valuable crop.





Pickups are manually raised and latched into transport position. An optional hydraulic pickup lift (not shown) simplifies raising and lowering the pickup.



"Thousands of bales without a miss." It holds true for the dependable knotters and twisters that go on New Holland balers. Knotters and twisters are gear driven for a simpler, easy-to-maintain design. Twisters are available on Models 570 and 575 only.



Reliable feeders make every bale a quality bale



Rotary feeding system (Models 570, 575, 580)

The exclusive New Holland rotary feeding system is durable, reliable, easy to service, and easy to adjust. It produces a smoother, even flow of material through the baler that reduces leaf loss and produces uniform, high quality bales.

A mechanically simple system, the rotary feeder consists of heavy-duty, paired rotating tines and a feeder fork.

The system is timed to keep material flowing evenly into the bale chamber, by allowing the tines to overlap for smooth, continuous crop movement.

Finally, the double packer fork folds the hay into the bale case. The packer fork is adjustable to get optimum bale shape in different crop conditions.

Flow-Action® feeder (Model 565)

The 565 features the exclusive time-proven Flow-Action® feeder. Six feeder tines are mounted on a long feeder bar which runs on sealed roller bearings for quiet, friction-free operation.

The tines measure just the right amount of crop and gently move it to the bale chamber. Leaves don't shatter – and that means a higher quality bale. Plus, two sets of the tines are adjustable to handle difficult crops.

Both feeding systems are chain driven for durability and reliability, and are easy to service and adjust.

Better balers deserve better throwers

Improve productivity

Increase productivity by throwing bales – as they're made – right into your bale wagon. The Model 72 belt-type bale thrower offers reliable performance and a clean design.

The 72 is compatible with Models 565, 570 and 575 balers. It can completely fill an 18-foot wagon with bales up to 38 inches long and 65 pounds in weight

without restricting baler capacity. (Higher bale weights are possible.)

Plus, the thrower's simple design allows for easier adjustments and servicing. And its durable design provides troublefree operation, season after season.

Other features

The 72 is designed to make baling less of a chore. Tractor-

mounted electric distance controls make changing throwing speed a snap. Plus, an indicator on the baler lets you know at a glance the distance bales are thrown.

The thrower can also be set to drop bales directly on the ground if needed, without removing it from the baler.



MODEL 72 Bale Thrower

SPECIFICATIONS

MODEL 72 Thrower

Bale Size:

Cross section 14x18 in. (36x46 cm)

Length (max.) 38 in. (96.5 cm)

Weight:

Maximum 80 lb. (36.3 kg)

Maximum recommended

with 18-ft. wagon 65 lb. (29.5 kg)

Baler Models

Works with New Holland 565,

570, 575 twine-tie PTO balers

Apron Belt (two)

12 in. (30.5 cm) wide, 2 ply,

diamond-tread

Apron Belt Speed (max.)

2570 feet per min. (783 m/min.)

Apron Belt Roller Speed:

Maximum 1946 rpm

As shipped 1870 rpm

Power Hydraulic, driven from
. baler flywheel

Movement Horizontal; 30 degrees right, left
. (0.52 rad). Controlled by
. hydraulic cylinder.

Dimensions:

Weight (approx.,
with wagon hitch) 655 lbs. (297 kg)

Height (from top of bale case) 31.5 in. (79.9 cm)

Length (approx., beyond end
of bale case). 58.1 in. (147.6 cm)

Design, materials and/or specifications are subject to change without notice and without liability therefor.

Specifications are applicable to units sold in Canada, the United States, its territories and possessions, and may vary outside these areas.



1 Direction Control. This double-acting hydraulic cylinder pivots the thrower up to 30 degrees, left or right, for turning or baling on a contour. Simply move the tractor remote control valve lever to position the thrower.

2 Wagon Hitch. Attaches to the baler axle to keep towing stresses where they belong. Adjusts to narrow road width for easy transport.

3 Rod Spacers. Adjustable to control apron spacing when baling light, springy, or semi-cured material.

4 Diamond-Tread Belts. Strong and durable.

Distance and direction controller attaches to the tractor. The toggle switch controls the speed of the throwing belts for distance.



Distance Indicator is easily visible from the tractor seat. It shows you the relative distance bales are thrown: six is the farthest distance (fastest belt speed); one is shortest.

RELATED EQUIPMENT

Look no further for all your haymaking needs



Other companies talk about hay making. Only New Holland delivers a complete product line of high quality hay equipment.

See the haymaking specialist — your local New Holland dealer — for details on these machines, or for information on their long line of tractors and equipment.



Don't be fooled...there are definite quality differences with twine. But you can be sure with quality New Holland twine — available in natural fiber and plastic.

For automatic bale retrieval, New Holland offers pull-type and self-propelled bale wagons.

Options and completing packages make the best even better



Hydraulic Pickup Lift. (Shown from rear of baler.) When baling, raise or lower your pickup as needed to adjust to differing terrain without your leaving the tractor seat.



Quarter-Turn Bale Chute. Drops bales on their sides, keeping twine away from ground (and from rotting). Sets bale into proper position for retrieval by automatic bale wagon. Bale case extension is also recommended when using the quarter-turn bale chute



Triple-Purpose Chute. Supports bales as they leave the chamber; can be set to roll bales to left, away from next windrow. (Also becomes the base for bale-loading chute.)



Hydraulic Tongue Swing. Uses hydraulic muscle to swing the baler into transport or working position quickly and easily.



Auxiliary Lights. Allow for night baling. Include a red warning light for transport. Standard on Model 580.

MODEL

Bale Size:

Cross section

Length

Super-Sweep Pickup:

Width inside
Width on flare
Number of teeth
Floating windguard
Drive
Gauge wheel

Rotary Feeding System:

Type

Drive

Flow-Action® Feeding System:

Type

Drive

Feed Opening

Plunger:

Stroke length
Speed (540 rpm)
Construction

Tying Mechanisms:

Type
Protection
Capacity (twine)
(wire)

Main Drive:

Flywheel diameter
PTO
Protection

Gearbox

Tires:

Flotation (right)
(left)

Dimensions:

Height (max.)
Width
Length:
With 3-joint PTO and
quarter-turn bale chute

Weight (approximate):

With three-joint PTO, twine version
With three-joint PTO, wire version

Recommended Transport Speed

Tractor Requirement*

Horsepower (min.)
*Tractor weight must be greater than baler weight;
excludes bale thrower.

Options

565	570	575	580
14x18 in. (36x46 cm)	14x18 in. (36x46 cm)	14x18 in. (36x46 cm)	16x18 in. (41x48 cm)
Adjustable, 12 to 52 in. (31 to 132 cm)	Adjustable, 12 to 52 in. (31 to 132 cm)	Adjustable, 12 to 52 in. (31 to 132 cm)	Adjustable, 12 to 52 in. (31 to 132 cm)
65 in. (1.65 m) 70 in. (1.8 m) 88 on four tooth bars Eight rods V-belt to roller chain to "lost motion" reel drive 3.00x12; semi-pneumatic	65 in. (1.65 m) 70 in. (1.8 m) 110 on five tooth bars Eight rods 3.00x12; semi-pneumatic	75 in. (1.9 m) 80 in. (2 m) 156 on six tooth bars Thirteen rods — 15x6.00x6	75 in. (1.9 m) 80 in. (2 m) 156 on six tooth bars Thirteen rods — 15x6.00x6
—	Packer fork in combination with two paired rotors Chain from main drive shaft; sealed ball bearings on all shafts.	Packer fork in combination with three paired rotors	Packer fork in combination with three paired rotors
—	—	—	—
Six feeder tines on a moving finger bar Chain; sealed ball bearings	—	—	—
283 sq. in. (1826 cm ²)	283 sq. in. (1826 cm ²)	283 sq. in. (1826 cm ²)	318 sq. in. (2052 cm ²)
30 in. (76.2 cm) 79 SPM High-strength steel throughout; modified extension is built into the plunger face, eliminating the need for bolt-on extensions.	30 in. (76.2 cm) 93 SPM	30 in. (76.2 cm) 93 SPM	30 in. (76.2 cm) 93 SPM
Knotter Shearbolt Four balls NA	Knotter or twister Shearbolt Six balls Four coils	Knotter or twister (heavy-duty) Shearbolt Six balls Four coils	Knotter (heavy-duty) Shearbolt Six balls NA
22 in. (56 cm) Three-joint Shearbolt, overrunning and slip clutches Hypoid with tapered roller bearings; heat-treated alloy steel running in oil	22 in. (56 cm) Three-joint Shearbolt, overrunning and slip clutches	22 in. (56 cm) Three-joint Shearbolt, overrunning and slip clutches	22 in. (56 cm) Three-joint Shearbolt, and overrunning slip clutches
25x7.50-15, 6PR 27x9.50-15, 6PR	27x9.50-15, 6 PR 31x13.50-15, 6PR	27x9.50-15, 6PR 31x13.50-15, 6PR	11Lx15, 6PR 14Lx16.1, 6PR
58 in. (146 cm) 108 in. (275 cm)	70 in. (178 cm) 110 in. (279 cm)	71 in. (180 cm) 120 in. (304 cm)	71 in. (180 cm) 120 in. (304 cm)
240 in. (610 cm)	247 in. (626 cm)	247 in. (626 cm)	247 in. (626 cm)
3,137 lb. (1,423 kg) 3,273 lb. (1,485 kg)	3,393 lb. (1,540 kg) 3,529 lb. (1,601 kg)	3,570 lb. (1,619 kg) 3,706 lb. (1,681 kg)	3,640 lb. (1,651 kg) —
20 mph (32 km/h)	20 mph (32 km/h)	20 mph (32 km/h)	20 mph (32 km/h)
35 hp (26 kW)	62 hp (45 kW)	75 hp (56 kW)	80 hp (60 kW)

565: two- or three-joint PTO (Cat. IV); hydraulic pickup lift; hydraulic tongue swing; needle slot baffle kit; auxiliary lights; safety chain; wagon hitch and bale loading chute; triple-purpose chute; quarter-turn bale chute; hydraformatic bale tension; ball hitch (575, 580 only); replaceable bale chamber, hydraulic doors kit and bale case extension kit (580 only); bale case extension; grass feeder kit; safety chain; two-position hitch.

You'll find it at the blue and white sign.



Globally, we're a valued leader in innovative agricultural and construction equipment and a wide range of financial services.

Locally, we're your trusted New Holland dealer — the specialist at the blue and white sign who's always there with the equipment, parts, service and financing you and your operation need.

Together, we're working to deliver the best value in today's dynamic world economy.

With productive equipment. You won't find a more complete and modern line of tractors, haytools, combines and crop production equipment — with a wider selection of models offering the latest performance, convenience and comfort features — than at your New Holland dealer.

With quality parts and service. Turn to your New Holland dealer after the sale for expert, factory-trained service and genuine New Holland-branded parts to keep you working productively.

After all, you've placed your confidence in the best equipment, and you deserve the finest support — whether at the service counter or in the field.

With financing solutions. Your New Holland dealer can tell you about smart ways to maximize cash flow, preserve work-

ing capital and protect what's important. With a Financing provided by **CNH Capital** portfolio of innovative financial services available through CNH Capital, like customized financing, leasing, insurance, and the purchasing convenience of a Commercial

Revolving Account, your New Holland dealer can turn your financial challenges into opportunities. You name it — equipment, parts and service, financing, or just trusted, honest advice on farming and finance — you'll find it all at the blue and white sign. Around the world, or right down the road,



YOUR NEW HOLLAND DEALER



We are proud to support the FFA.

Visit our Web site at www.newholland.com/na Or, call toll-free: **1-888-290-7377**

Design, materials and/or specifications are subject to change without notice and without liability therefor. Specifications are applicable to units sold in Canada, the United States, its territories and possessions, and may vary outside these areas.

© 2007 CNH America LLC
New Holland is a registered trademark of CNH America LLC.



Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.

NH1210501 • 030720 • API • PRINTED IN U.S.A.