

SPERRY NEW HOLLAND

PROUDLY INTRODUCES THE MODEL 499 PIVOT TONGUE MOWER-CONDITIONER

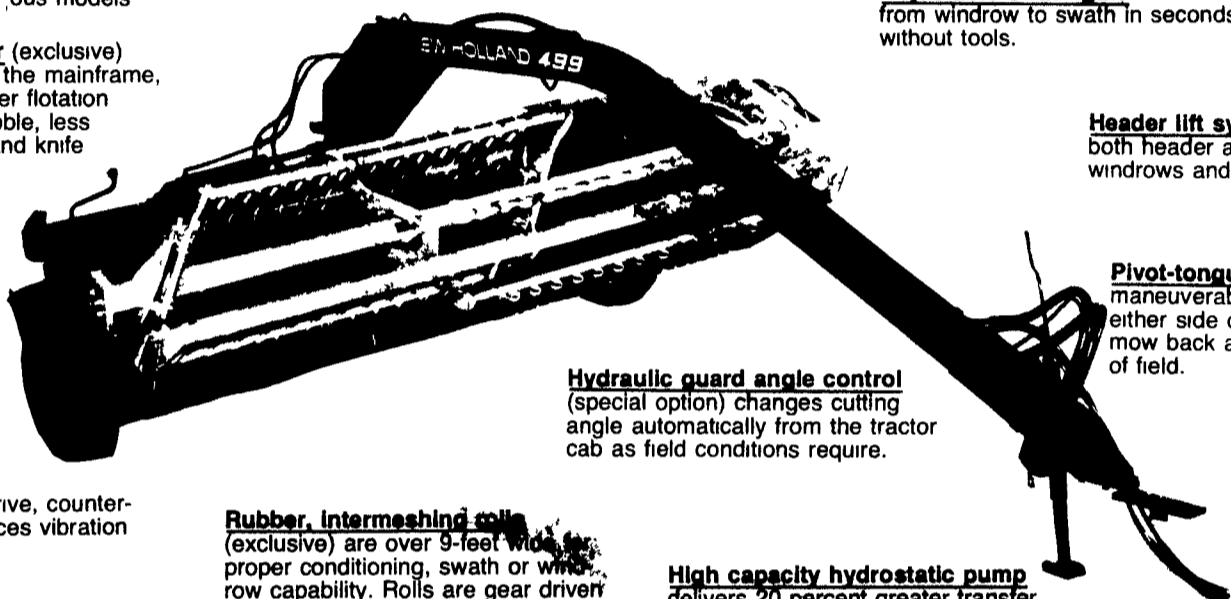
Rolareel™ header (exclusive) with converging reel lines sweeps crop directly into rolls without an auger. Uses less power. Easier to maintain. Stronger tine bars than previous models

Tongue lock (exclusive) holds unit in straight ahead position, prevents accidental swinging during transport.

Adjustable swath gate converts from windrow to swath in seconds, without tools.

Lightweight header (exclusive) because rolls are in the mainframe, not the header. Better flotation results in better stubble, less damage to guards and knife sections.

Header lift system (exclusive) lifts both header and frame to clear windrows and obstacles



Pivot-tongue frame offers greater maneuverability—operates on either side of tractor so you can mow back and forth on same side of field.

Hydraulic guard angle control (special option) changes cutting angle automatically from the tractor cab as field conditions require.

Twin sickle, dual drive, counter-stroking action reduces vibration and maintenance.

Rubber, intermeshing rolls (exclusive) are over 9-feet wide for proper conditioning, swath or windrow capability. Rolls are gear driven for longer life, lower maintenance.

High capacity hydrostatic pump delivers 20 percent greater transfer of tractor power than previous models for greater machine capacity.

SPECIFICATIONS

Overall Width—Transport Position—165 in. (4191 mm)
Field Position—236 in. (5994 mm)

Overall Length—Transport Position—258 in. (6553 mm)
Field Position—200 in. (5080 mm)

Height—Transport Position—80½ in. (2045 mm)
Operating Position—74½ in. (1892 mm)

Weight (without options)—4480 lb. (2032 kg)

Hitch Type—Replaceable ball joint used with tractor drawbar extension.

Drive—PTO driven hydrostatic system.

Hydrostatic System

a. Reservoir Capacity—20 gal. (75.7 L)

Tractor Requirement—60 hp (45 kW) or greater with standard ASAE hitch and PTO locations (540 RPM PTO). Two remote hydraulic systems required, capable of pumping fluid at 1500 psi (10342 kPa or 103.42 bar).

Sickle Drive

a. Speed—850 cycles/minute
b. Stroke—3 in. (76 mm)

Pushbar—Fabricated Steel, adjustable height

Conditioner

a. Roll length—110 in. (2794 mm)
b. Roll diameter—10½ in. (264 mm)
c. Roll type—molded rubber with intermeshing chevron design lugs
d. Drives—gear driven, U-joint drive to upper roll, straight shaft to lower roll

Material Discharge

Swath Width 100 inches (2,540 mm)
Windrow Width 38 inches (965 mm)
Adjustments—Adjustable swath gate controlled by 11 position handle to give swath windrow, or intermediate widths.

Ground Clearance

Guard Points—19.5 in. (495 mm)

Reel

a. Type—Rolareel™
b. Tine tip speed 4.8 to 7.9 mph (7.7 to 12.7 km/hr)
c. Diameter (Maximum) 43½ in. (1105 mm)

Cutterbar

a. Width—12 ft. 3 in. (3,734 mm)
b. Guard angle—adjustable 4°, 7° or 10°—(4 to 10 with optional hydraulic guard angle adjustment kit)
c. Guards—Twin forged steel, double heat treated (PN 219191)
d. Cutting height—adjustable 1¼ to 6¼ in. (32 to 159 mm)
e. Knives—two opposing knife assemblies with underserrated sections (STD guards)

Operating speed—0 to 8 mph (0 to 12.9 km/hr)

Transport speed—25 mph (40 km/hr) max.

Wheels

Tire size—11L x 14 four ply tubeless agricultural implement tire with heavy undertread.

Hydraulic cylinders

STD Equipment—Swing Cylinder
STD Equipment—Lift Cylinders

