

New Holland Pull-Type Forage Harvester Specifications

790 FP230 FP240



MODEL	790	FP230	FP240
Weight (single axle), lbs. (kg)	3104 (1411)	4500 (2040)	4700 (2130)
Length	16'1¼" (4.98 m)	21'6" (6.5 m)	21'6" (6.5 m)
Height with standard spout	10'6" (3.2 m)	11'2" (3.4 m)	11'2" (3.4 m)
Width	9'6" (2.79 m)	10'8" (3.3 m)	10'8" (3.3 m)
Number/Type of Knives	12 single-edge hardened alloy		
Cutterhead, type/speed	Cylinder, 850 rpm		
Cutterhead, diameter	19½" (490.5 mm)	21" (533.4 mm)	21" (533.4 mm)
Throat opening	19" x 4½"	22" x 6½"	24¾" x 6½"
	(482 mm x 117 mm)	(558.8 mm x 167.7 mm)	(619.76 mm x 167.6 mm)
Shearbar	Quick adjust, reversible, hard-faced on vertical and horizontal surfaces		
Length of cut*	⅛" to ½"	⅜" to ⅞"	⅜" to ⅞"
	(3.2 mm to 38.1 mm)	(76.2 to 177.8 mm)	(76.2 to 177.8 mm)
Blower speed	1000 or 750 rpm	1000 rpm	1000 rpm
Recommended max. tractor hp	150 PTO hp	225 PTO hp	300 hp
Minimum power required	75 PTO hp	150 PTO hp	180 PTO hp
Knife sharpener	2" manual, built-in	3" manual, built-in	3" manual, built-in
Recutter screens (non processor units)	5 sizes available	6 sizes available	6 sizes available
Vertical wheel adjustment	4½" (114 mm)	6" (152 mm)	6" (152 mm)
Tire sizes, single axle	11Lx14 6PR standard	31x13.5-158PR standard	14Lx16.1 8PR standard
	31x13.5-156PR optional	14Lx16.1 8PR optional	
Tire sizes, tandem axle	N/A	11Lx15-156PR	11Lx15-15 6PR

*Longer lengths of cut can be obtained by removing knives—up to 1½" length of cut with only four knives.

Optional CropPro™ Crop Processor	Not available	Optional	Optional
Construction	—	Hardened ductile iron, steel shaft	
Weight	—	490 lbs. (218kg)	520 lbs. (231kg)
Roll width	—	24.5" (622.3 mm)	26⅞" (682.6 mm)
Roll diameter	—	7⅞" (200 mm)	7⅞" (200 mm)
Roll gap	—	⅜" to ⅝"	⅜" to ⅝"
		(4.8 to 15.9 mm)	(4.8 to 15.9 mm)
Roll speed	—	2650 rpm upper	2650 rpm upper
		2250 rpm lower	2250 rpm lower

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824 3PN 890W 27P 29P



MODEL

CORNHEADS

Number of rows

Row spacing

Overall width

Length

Height

Weight

Drive Protection

Type of sickle

Stalk deflector

Power divider

Chain size

824

2

28" to 40" variable
(711 mm to 1016 mm)

5'4" to 6'6" variable
(1626 to 1981 mm)

6'3" (1905 mm)

33¾" (857 mm)

865 lbs. (392 kg)

Shearbolt

Rotary

Standard

Standard

Ag Impl #620

3PN

3

28" to 32"
(711 mm to 813 mm)

7' 8" (2337mm)

7'9" (2362mm)

53" (1346mm)

2030 lbs. (921kg)

Slip clutch

Rotary

Standard

Standard (L & R)

#60 Roller chain

MODEL

WINDROW PICKUPS

Tine width

Pickup width

Total unit width, with skid shoes

Total unit width, w/roller and gauge wheel

Number of tines

Pickup drive

Auger outside diameter

Auger drive

Overload protection

Windguard

Weight (approx)

Optional Equipment

890W

5'11" (1.79 m)

7' (2.12 m)

7'4" (2.19 m)

8' (2.45 m)

84

V-belt

18" (457 mm)

#50 roller chain

Slip clutch

Standard

692 lbs. (314 kg)

Transport wheels

27P

6'4½"

7'7" (2.15 m)

—

8' 10" (2.69 m)

120

Chain/gear set

20" (508 mm)

#60 Roller chain

Slip clutch

Standard

1050 lbs. (476 kg)

—

29P

7'8"

8'2½" (215 m)

—

9' 9½" (2.98 m)

144

Chain/gear set

20" (508 mm)

#80 Roller chain

Slip clutch

Standard

1200 lbs. (544 kg)

—

OPTIONAL EQUIPMENT

- Metalert®III electronic metal detector (Standard on FP240)
- CropPro™ crop processor (FP230/FP240)
- Spout extensions
- Hydraulic swing tongue
- Automatic wagon hitch
- Tandem axle (FP230/FP240)
- Recutter screens

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.



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.