

# 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, ft. in. (m)	16' 1-1/4" (4.98)	21' 6" (6.5)	11' 2" (3.4)
Height with standard spout, ft. in. (m)	10' 6" (3.2)	10' 8" (3.3)	10' 8" (3.3)
Width, ft. in. (m)	9' 6" (2.79)	12 single-edge hardened alloy	12 single-edge hardened alloy
Number/type of knives	19-5/16 (490.5)	Cylinder, 850 rpm	21 (533.4)
Cutterhead, type/speed	19 x 4-5/8 (482 x 117)	22 x 6-5/8 (558.8 x 167.7)	24-3/8 x 6-5/8 (619.76 x 167.6)
Cutterhead, diameter, in. (mm)	Quick adjust, reversible, hard-faced on vertical and horizontal surfaces	Quick adjust, reversible, hard-faced on vertical and horizontal surfaces	Quick adjust, reversible, hard-faced on vertical and horizontal surfaces
Throat opening, in. (mm)	1/8 to 1-1/2 (3.2 to 38.1)	3/16 to 7/16* (4.8 to 11.1)	3/16 to 7/16* (4.8 to 11.1)
Shearbar	1000 or 750 rpm	1000 rpm	1000 rpm
Length of cut, in. (mm)*	150 PTO hp	225 PTO hp	300 hp
Blower speed	75 PTO hp	150 PTO hp	180 PTO hp
Recommended max. tractor hp	2" manual, built-in	3" manual, built-in	3" manual, built-in
Minimum power required	5 sizes available	6 sizes available	6 sizes available
Knife sharpener	4-1/2 (114)	6 (152)	6 (152)
Recutter screens (non processor units)	11Lx14 6PR standard	31x13.5-158PR standard	14Lx16.1 8PR standard
Vertical wheel adjustment, in. (mm)	31x13.5-156PR optional	14Lx16.1 8PR optional	14Lx16.1 8PR standard
Tire sizes, single axle	N/A	11Lx15-156PR	11Lx15-15 6PR
Tire sizes, tandem axle	N/A	11Lx15-156PR	11Lx15-15 6PR
*Longer lengths of cut can be obtained by removing knives—up to 1-5/16" length of cut with only four knives.			
Optional CropPro™ Crop Processor	Not available	Optional	Optional
Construction	—	Hardened ductile iron, steel shaft	Hardened ductile iron, steel shaft
Weight, lbs. (kg)	—	490 (218)	520 (231)
Roll width, in. (mm)	—	24-1/2 (622.3)	26-7/8 (682.6)
Roll diameter, in. (mm)	—	7-7/8 (200)	7-7/8 (200)
Roll gap, in. (mm)	—	3/16 to 5/8 (4.8 to 15.9)	3/16 to 5/8 (4.8 to 15.9)
Roll speed	—	2650 rpm upper	2650 rpm upper
		2250 rpm lower	2250 rpm lower

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824 3PN 890W 27P 29P



MODEL	824	3PN		
<b>CORNHEADS</b>				
Number of rows	2	3		
Row spacing, in. (mm)	28 to 40 variable (711 to 1016)	28 to 32 (711 to 813)		
Overall width, ft. in. (mm)	5' 4" to 6' 6" variable (1626 to 1981)	7' 8" (2337)		
Length, ft. in. (mm)	6' 3" (1905)	7' 9" (2362)		
Height, in. (mm)	33-3/4 (857)	53 (1346)		
Weight, lbs. (kg)	865 (392)	2030 (921)		
Drive protection	Shearbolt	Slip clutch		
Type of sickle	.....Rotary.....			
Stalk deflector	.....Standard.....			
Power divider	Standard	Standard (L & R)		
Chain size	Ag Impl #620	#60 Roller chain		
<b>MODEL</b>				
	<b>890W</b>	<b>27P</b>	<b>29P</b>	
<b>WINDROW PICKUPS</b>				
Tine width, ft. in. (m)	5' 11" (1.79)	6' 4-1/2" (1.94)	7' 8" (2.34)	
Pickup width, ft. in. (m)	7' 0" (2.12)	7' 7" (2.15)	8' 2-1/2" (215)	
Total unit width, with skid shoes, ft. in. (m)	7' 4" (2.19)	—	—	
Total unit width, w/roller and gauge wheel, ft. in. (m)	8' 0" (2.45)	8' 10" (2.69)	9' 9-1/2" (2.98)	
Number of tines	84	120	144	
Pickup drive	V-belt	.....Chain/gear set.....		
Auger outside diameter, in. (mm)	18 (457)	.....20 (508).....		
Auger drive	#50 roller chain	#60 Roller chain	#80 Roller chain	
Overload protection	.....Slip clutch.....			
Windguard	.....Standard.....			
Weight (approx), lbs. (kg)	692 (314)	1050 (476)	1200 (544)	
Optional equipment	Transport wheels	—	—	

## 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
- Four paddle blower kit

Visit our Web site at [www.newholland.com/na](http://www.newholland.com/na). Or, call toll-free **866-NEW-HLND (866-639-4563)**.

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.