New Holland 790CP Pick-Up Head - Technical Specifications

Source: agriculture.newholland.com/en-us/nar (North America) pick-up heads page, "Technical Specifications" download (serie-specifications xlsx), retrieved 2026-10-21. Rendered to PDF from the manufacturer's spreadsheet without alteration of values.

	790CP - 12 Foot	790CP - 15 Foot
Mainframe		
Construction	Full welded construction	Full welded construction
Top beam HSS tubing (in. (mm))	6 x 6 x .125 (150 x 150 x 4)	6 x 6 x .125 (150 x 150 x 4)
Lower beam	Fabricated trapezoid, 0.12" (3 mm)	Fabricated trapezoid, 0.12" (3 mm)
Welded in backsheets (in. (mm))	3 (76.2)	3 (76.2)
Welded in auger floor thickness (in. (mm))	4 (101.6)	4 (101.6)
Auger		
Fabricated center tube (in. (mm))	16 (406) OD	16 (406) OD
Flighting depth (in. (mm))	5 (154)	5 (154)
OD (in. (mm))	26 (660)	26 (660)
Flight thickness (in. (mm))	0.25 (6)	0.25 (6)
Pitch flights (in. (mm))	20 (508)	20 (508)
Bolt on flight extensions	Standard	Standard
Sprockets	138 rpm standard, optional driven sprockets	138 rpm standard, optional driven sprockets
Auger fixed or allowed a 0.625" (15.9 mm) or 1.25" (31.75 mm) of float	Standard	Standard
Adjusted vertically	Standard	Standard
Adjustable timing on RH end	Standard	Standard
Feeding		
Full length fingers	Standard	Standard
Double V pattern retractable fingers	Standard	Standard
Steel fingers – 0.6 in. (16 mm) OD	Standard	Standard
Plastic finger holders	Standard	Standard
Break groove in finger	Standard	Standard
Rubber finger retainer – patent pending	Standard	Standard
Plastic recessed finger guides	Standard	Standard
Auger Drivers		
RC80 chain	Standard	Standard
Driver	13T / 11T	14T / 12T
Auger speed (rpm)	174 / 144	187 / 160
LH drive only	Direct drive from feeder drive shaft to auger stub shaft	Direct drive from feeder drive shaft to auger stub shaft
Drive protection	626 ft-lb (850 Nm) radial pin slip clutch	626 ft-lb (850 Nm) radial pin slip clutch
Chain tension adjustment	A push plate and jam nuts	A push plate and jam nuts
Dimensions		

Pickup width (ft (m))	12 (3.7)	15 (4.6)
Fixed wheels (in. (mm))	175 (4450)	211 (5365)
Castor wheels (in. (mm))	189 (4805)	225 (5720)
Shipping weight (lbs. (kg))	3090 (1402)	3180 (1442)