

TECHNICAL DATA	SHP 90	SHP 50	SPC 40	SPC 20	PMC 20	HP 5
<b>MACHINE SPECS</b>						
<b>Standard Engine:</b>	Cummins, 6.7L, 185 hp, 6 cyl, turbo-charged, inter-cooled diesel, water-cooled	Deutz, 3.11L, 73 hp, 4 cyl, turbo-charged diesel, oil-cooled	Perkins/Cat, 4.4L, 83 hp, 4 cyl, diesel, water-cooled	Deutz, 3.11L, 73 hp, 4 cyl, turbo-charged diesel, oil-cooled	Deutz, 2.33L, 40 hp, 3 cyl, diesel, oil-cooled	Deutz, 2.33L, 40 hp, 3 cyl, diesel, oil-cooled
<b>Fuel Tank Capacity:</b>	66 gal. (250L)	37 gal. (140L)	35 gal. (133L)	25 gal. (95L)	25 gal. (95L)	11 gal. (42L)
<b>Transmission:</b>	3-speed range hydrostatic, electronic control (0-15 mph), planetary hub final drives, 4WD standard	Hydrostatic, (0-8 mph), planetary hub final drive, 4WA optional	Hydrostatic, (0-6 mph), planetary hub final drive, 4WA optional	Hydrostatic, (0-7 mph), planetary hub final drive, 4WA optional	Hydrostatic, (0-6 mph), Dana 44 final drive, 4WA optional	Hydrostatic, (0-5 mph), wheel motor final drive, 4WD optional
<b>Steering:</b>	Power (fail-safe), load sense	Power (fail-safe)	Power (fail-safe)	Power (fail-safe)	Power (fail-safe)	Power (fail-safe)
<b>Brakes:</b>	Fail-safe (spring apply, hydraulic release)	Fail-safe (spring apply, hydraulic release)	Fail-safe (spring apply, hydraulic release)	Fail-safe (spring apply, hydraulic release)	Mechanical parking	Fail-safe (spring apply, hydraulic release)
<b>Tires, Front (std):</b>	18.4 x 28, 12-ply	12.4 x 24, 6-ply	14.9 x 24, 8-ply	11.2 x 24, 6-ply	8.3 x 24, 6-ply	26 x 12.00-12, 4-ply
<b>Tires, Rear (std):</b>	15 x 19.5, 12-ply	8.5L x 14SL, 6-ply	8.5L x 14SL, 6-ply	8.5L x 14SL, 6-ply	23 x 8.50-12, 4-ply	23 x 10.50-12, 4-ply
<b>THRESHING SPECS</b>						
<b>Threshing Cylinder Drive, (Speed):</b>	Hydraulic variable speed, electrically adjusted, gear belt final drive, (0-880 rpm)	Hydraulic variable speed, electrically adjusted, (0-1100 rpm)	Hydraulic variable speed, manually adjusted, gear belt final drive, (std 0-900 rpm), (opt 0-750 rpm, 0-1100 rpm)	Hydraulic variable speed, manually adjusted, direct drive std, gear belt drive optional, (0-900 rpm)	Fixed mechanical drive std, variable mechanical drive opt, fixed speed per order, (250-1400 rpm)	Variable mechanical drive standard, (400-1100 rpm)
<b>Diameter:</b>	(2) 20", (50.8 cm), closed	(2) 13.0", (33 cm), closed	15.0" (38 cm), closed	15.0" (38 cm), closed	15.0" (38 cm), closed	13.0" (33 cm), closed
<b>Width:</b>	22" (56 cm)	17.5" (44.5 cm)	31.5" (80 cm)	31.5" (80 cm)	31.5" (80 cm)	17.5" (44.5 cm)
<b>No. of Rasp Bars:</b>	8 per cylinder	8 per cylinder	8	8	8	8
<b>Concave Adjustment:</b>	Electric control w/ in cab indicator	Mechanical, hinged	Mechanical cam quick-adjust std, electric opt	Mechanical cam std, single lever quick-adjust opt	Mechanical cam std, single lever quick-adjust opt	Mechanical, hinged
<b>Upper Sieve:</b>	(2) 10" x 94" straw-walkers per chamber	(2) 16.5"W x 55"L x 140 cm	(42) 30.3"W x 75"L (77 x 190.5 cm)	30.3"W x 55"L (77 x 140 cm)	30.3"W x 55"L (77 x 140 cm)	16.5"W x 55"L (42 x 140 cm)
<b>Lower Sieve:</b>	(2) 20.7" x 72" x 183 cm	(52.5) N/A	30.3"W x 47.5"L (77 x 120.5 cm)	30.3"W x 47.5"L (77 x 120.5 cm)	30.3"W x 47.5"L x 120.5 cm (77)	N/A
<b>Total Sieve Area:</b>	6740 in <sup>2</sup> , (4.35 m <sup>2</sup> ), (w/ walkers)	1815 in <sup>2</sup> , (1.17 m <sup>2</sup> )	3712 in <sup>2</sup> , (2.4 m <sup>2</sup> )	3106 in <sup>2</sup> , (2 m <sup>2</sup> )	3106 in <sup>2</sup> , (2 m <sup>2</sup> )	907.5 in <sup>2</sup> , (0.59 m <sup>2</sup> )
<b>Cleaning:</b>	JD Axial blower wheels (2 per chamber), damper adjusted	Axial blowers (2 per chamber), speed and damper adjustable	Axial blowers (4), speed and damper adjustable	Axial blowers (4), speed and damper adjustable	Axial blowers (4), speed and damper adjustable	Axial blowers (2), speed and damper adjustable
<b>HEADER SPECS</b>						
<b>Standard Header:</b>	N/A	N/A	45", 51", 57", 60", 66" (1.75 - 2.6 m), mechanically driven, adj gauge wheels, reel: U-II, hyd / chain drive, adj speed and height, 5 bat, 65" (165 cm) diameter	45", 51", 57", 60", 66" (1.75 - 2.6 m), mechanically driven, adj gauge wheels, reel: U-II, hyd / chain drive, adj speed and height, 5 bat, 65" (165 cm) diameter	45", 51", 57", 60", 66" (1.75 - 2.6 m), mechanically driven, adj gauge wheels, reel: U-II, mech drive, 3 speed, adj height, 5 bat, 65" (165 cm) diameter	39" (1 m), mechanically driven, reel: ALMACO, Hume style, 3 speed mechanical drive, hyd height, 4 bat, 48" (122 cm) diameter
<b>Corn Header:</b>	N/A	N/A	2 row, JD snapping units, adj speed hyd drive, spacing adj 30-40" (76-101.5 cm)	2 row, JD snapping units, adj speed hyd drive, spacing adj 30-40" (76-101.5 cm)	1 row, JD snapping unit, mechanical drive	1 row, JD snapping unit, mechanical drive
<b>Row Crop Header:</b>	4 rows @ 30", patented gathering belts, JD style rotary knife, floating, adj electric / hyd drive (0-4.5 mph), gear belt final drive	Split 2 row, JD style belts and rotary knife, adj speed hyd drive, side shift opt, skip row opt, offset opt	2 rows @ 30", JD style belts and rotary knife, adj speed hyd drive, floating opt, 30-40 adj opt, offset opt	2 rows @ 30", JD style belts and rotary knife, adj speed hyd drive, floating opt, 30-40 adj opt, offset opt	1 row or 2 row @ 30", JD style belts and rotary knife, mechanical drive, floating opt, 30-40 adj opt, offset opt	1 row, JD style belts and rotary knife, mechanical drive, 2 row alternating head opt
<b>DIMENSIONS</b>						
<b>Height (w/o cyclone):</b>	11' (3.35 m)	10' 8" (3.25 m)	10' 6" (3.2 m)	9' 6" (2.9 m)	10' 6" (3.2m)	7' 3" (2.2 m)
<b>Length:</b>	17' 6" (5.35 m) 26' 5" (8 m) w/ RC head	11' 1" (3.4 m) 20' (6.1 m) w/ RC head	13' (3 m) 19' 6" (6 m) w/ RC head	10' 6" (3.2 m) 17' 6" (5.3 m) w/ RC head	10' 7" (3.2 m) 18' 6" (5.6 m) w/ Std head	9' 9" (3 m) 16' 10" (5.1 m) w/ RC head
<b>Width:</b>	11' (3.35 m)	8' 3" (2.5 m)	7' 6" (2.3 m)	7' 6" (2.3 m)	6' 6" (2 m)	4' 7" (1.4 m)
<b>Weight (option dependant)</b>	~23,500 lbs, w/ RC head, (~10,660 kg)	~10,600 lbs, w/ RC head, (~4,810 kg)	~10,000 lbs, w/ RC head, (~4,545 kg)	~7,400 lbs, w/ RC head, (~3360 kg)	~6,200 lbs, w/ RC head, (~2815 kg)	~3,600 lbs, w/ RC head, (~1635 kg)
<b>Track width: Std. 2WD</b>	132" (335 cm) outside, front 120" (305 cm) outside, rear	81" (208 cm) outside, front 77.5" (197 cm) outside, rear	80" (203 cm) outside, front 72" (183 cm) outside, rear	72" (183 cm) outside, front 70" (178 cm) outside, rear	62" (157.5 cm) outside, front 60" (152 cm) outside, rear	50" (127 cm) outside, front 46" (117 cm) outside, rear
<b>Ground clearance:</b>	12.5" (32 cm)	14.5" (37 cm)	9" (22.5 cm)	10" (25.4 cm)	11" (28 cm)	8" (20 cm)
<b>STANDARD FEATURES (if not listed above)</b>	Cab w/ A/C, heat and buddy seat, Operator Presence Safety system, Night and field lighting w/ hazard flashers, Turn signals,	Cab w/ A/C and heat, Night and field lighting w/ hazard flasher,	Cab w/ A/C and heat, Night and field lighting w/ hazard flasher, Suspension seat, AM/FM/CD/Wx radio, Operator Presence Safety system, Buddy seat, Aux. 12v. power ports, Ergonomic controls	Night and field lighting w/ hazard flasher,	Hazard flasher,	Hazard flasher,
<b>SPECIAL OPTIONS</b>	Shaft speed monitoring system, Intrinsic Property Measurements, GPS field location mapping, electric folding mirror, Automated Seed Packager, straw-spreader / chopper, on-board air compressor w/ portable tank, GMO mods, 220 HP available	Automated Seed Packager, Weigh hopper options, Sample handling options	Foot controls, 10' or 12' hyd. unload auger, Hyd auger fold, Hydraulic dump bag hopper, Automated Seed Packager, GMO mods, on-board air compressor, increased ground clearance, Torque King 4WD	1 or 2 person cab, 1 or 2 person platform top, Foot controls, Grain tank: hydraulic unload auger or gravity dump, Hydraulic dump bag hopper, Automated Seed Packager, on-board air compressor, GMO mods	1 or 2 person platform, Foot controls, Night lighting, Breeder machine options, Grain tank: hydraulic unload auger or gravity dump, Sun canopy	Volumetric cylinder, Weigh hopper options, Sample bag holder, Foot controls, Night lighting, Bulk seed storage options