

# Quantum

## Figures. Data. Facts.

### Technical data

Basic machine/engine			
DEUTZ 2.9 l Diesel engine	55 kW (75 HP), 4-cylinder, water-cooled		
Torque	260 Nm		
Fuel tank capacity	100 l		
Range	Approx. 12 hours in harvesting mode		
Ground drive and tires			
Hydrostatic ground drive	2-stage: infinitely adjustable 0 – 12 km/h and 0 – 25 km/h with standard tires		
Steering	Hydraulic		
Front tire variants	<b>For center row threshing</b>	<b>Standard</b>	<b>Terra</b>
Type	250/80-18	285/80-R16	400/55-17.5
Tire width	240 mm (9.5")	298 mm (11.75")	400 mm (15.75")
Track width	1200 mm (48")	1271 mm (50")	1391 mm (55")
External wheel width	1440 mm (57")	1569 mm (62")	1791 mm (71")
Rear tire variants	<b>For center row threshing</b>	<b>Standard</b>	<b>Terra</b>
Type	6.5/80-12	23x8.5-12	23x8.5-12
Tire width	165 mm (6.5")	211 mm (8.5")	211 mm (8.5")
Track width	1163 mm (46")	1183 mm (47")	1183 mm (47")
External wheel width	1328 mm (53")	1394 mm (55")	1394 mm (55")
Ground clearance	250 mm (10")		
Wheel base	2600 mm (102")		
Turning circle diameter	9000 mm (354")		
Header and accessories			
Header	1250 mm (49"), 1500 mm (59"), 1750 mm (69")		
Cutting height adjustment	Hydraulic		
Horizontal reel adjustment	Hydraulic		
Reel	Optionally 4- or 5-part		
Reel speed	15 – 50 rpm		
Cut height	Up to +1050 mm (41")		
Corn header	2-row: 60 and 75 cm (other row spacing on request), optionally with chopper		
Grain collection and transport			
Bagging	Side mounted or in the cab		
Sampling	Dosing container 200 – 700 ml and/or 700 – 2000 ml, additional time-defined samples, single or double sample outlet in the cab		
Grain flow monitoring	Radar sensors in the conveying lines		
Grain tank	700 or 1100 l (20 bu or 30 bu)		
Grain tank emptying speed	10 l/s		
Overhead loading height	3200 mm (10' 6")		
Threshing and Cleaning			
Concave	10 concave bars		
Threshing drum	6 beater bars		
Threshing drum diameter	400 mm (15.75")		
Threshing drum width	800 mm (31.5")		
Concave wrap angle	117°		
Concave adjustment	Hydraulically from the cab		
Concave area	0.35 m <sup>2</sup> (3.76 sqft)		
Threshing drum speed	240 – 1680 rpm, infinitely adjustable		
Shaker	Cleaning area 1.5 m <sup>2</sup> (16 sqft) + short preparation floor		
Cleaning sieve	Cleaning surface double sieve: 1.5 m <sup>2</sup> (17 sqft), gross 1.6 m <sup>2</sup> Cleaning surface single sieve: 0.75 m <sup>2</sup> (8.5 sqft), gross 0.8 m <sup>2</sup>		

<b>Cabin</b>	
<b>Noise level</b>	76 dB(A)
<b>Certification</b>	Tested according to EN 13531
<b>Steering column</b>	Height and tilt adjustable
<b>Air-conditioning system</b>	8 kW
<b>Operation and sequence control</b>	
<b>Operating display</b>	Color display with intuitive operator guidance
<b>Sequence control</b>	Semi- or fully-automatic sequence control with STOP-GO, header and sieve cleaning, weighing and sampling control
<b>Options</b>	
<b>All-wheel drive</b>	4 WD with a longitudinal and transverse differential lock
<b>Integrated sample storage system</b>	For 5 boxes (300 x 400 mm), maximum box size 400 x 600 mm; also suitable for storing bags (approx. 150 l)
<b>Weighing systems</b>	Harvestmaster Classic GrainGage, Harvestmaster H2 Classic
<b>Additional options</b>	Sunflower equipment, NIR system solution, straw chopper, road permit, row crop header, roller mill, grain loss display, working lights, rear-view camera. Other options available on request.
<b>Dimensions</b>	
<b>Dimensions</b>	Length: starts at 5700 mm (225") incl. header with crop divider Width: starts at 1500 mm (59", center row treshing), max. 2250 mm (89") Height: 2975 mm (117")
<b>Weight</b>	Starts at 3950 kg (8700 lbs), incl. cab and header

We reserve the right to make technical alterations.

