

# Comparison Quantum FAMILY

Basic machine	Quantum Core	Quantum Plus	Quantum Pro
Engine	DEUTZ 2.9l, Diesel, Tier 5, 55 kW 75 HP, 4 cylinder, water cooled, 240 Nm (177 ft lb) torque	DEUTZ 2.9 l, Diesel, Tier 5, 55 kW, 75 HP, 4 cylinder, water cooled 240 Nm (177 ft lb) torque	DEUTZ 3.6 l, Diesel, Tier 5, 85 kW 115 HP, 4 cylinder, water cooled 500 Nm (369 ft lb) torque
Fuel capacity	100 l (26 gallons)	100 l (26 gallons)	150 l (40 gallons)
DEF capacity	N/A	N/A	10 l (3 gallons)
Radiator air inlet	Perforated surface	Rotating sieve	Rotating sieve with pneumatic cleaning
Hydrostatic ground drive	Permanent 4 WD, 4 WD with 3 diff locks	2 WD, 2 WD with diff lock Part time 4 WD with 3 diff locks Triangular tracks	2 WD, 2 WD with diff lock Part time 4WD with 3 diff locks Triangular tracks
Ground speed	17 km/h (10.5 mph)	25 km/h (16 mph)	25 km/h (16 mph)
Front tires	Tire size: from 250/80-18 till 400/55-17.5 Tire outside width: from 1440 mm till 1771 mm	Tire size: from 250/80-18 till 400/55-17.5 Tire outside width: from 1440 mm till 1771 mm	Tire size: from 340/80 R20 till 405/70 R20 Tire outside width: from 1875 mm till 1957 mm
Rear tires	Tire size: from 6.5/80-12 till 26x12-12	Tire size: from 6.5/80-12 till 26x12-12	Tire size: from 10/75-15.3 till 320/55-15
Ground clearance	250 mm (10")	250 mm (10")	370 mm (14")
Wheel base	2600 mm (102")	2600 mm (102")	2920 mm (115")

Headers			
Plattform headers	1250 mm (49"), 1500 mm (59"), 1750 mm (69")	1250 mm (49"), 1500 mm (59"), 1750 mm (69")	1250 mm (49"), 1500 mm (59"), 1750 mm (69"), 2000 mm (78")
Reel	4 or 5 bat	4 or 5 bat	4 or 5 bat
Cutting height	30 mm – 1050 mm (1.2" – 41")	30 mm – 1050 mm (1.2" – 41")	30 mm – 1095 mm (1.2" – 43")
Corn header	2 row 60 cm (24") or 75 cm (30") optional with chopper	2 row 60 cm (24") or 75 cm (30") optional with chopper	2 row 60 cm (24") or 75 cm (30") optional with chopper 3 row 50 cm (20")
Row crop header	2 row 50 cm (20") or 75 cm (30")	2 row 50 cm (20") or 75 cm (30")	2 row 50 cm (20") or 75 cm (30")
Sunflower header	2 row 75 cm (30")	2 row 75 cm (30")	2 row 75 cm (30")

Grain collection and weighing system			
Bagging only	In cab or left side	In cab or left side	In cab or left side
Sampling	Time defined in cab	Time defined or volume defined in cab	Time defined or volume defined in cab
Grain flow monitoring	N/A	Radar sensors in conveying tubes	Radar sensors in conveying tubes
Grain tank	700 or 1100 l (20 bu or 30 bu)	700 or 1100 l (20 bu or 30 bu)	1500 (40 bu) or 1700 l (48 bu)
Unloading height	3.2 m (10' 6"), optional 4.2 m (14')	3.2 m (10' 6"), optional 4.2 m (14')	3.6 m (11' 8"), optional 4.6 m (15' 2")
Weighing system	W1+, weight & moisture HM H2C, weight, moisture, testweight	W1+, weight & moisture HM H2C, weight, moisture, testweight	W1+, weight & moisture HM H2C, weight, moisture, testweight
Software	Easy Harvest, Mirus	Easy Harvest, Mirus	Easy Harvest, Mirus
Tablet	Mobile Demand	Panasonic	Panasonic

Control system			
Combine monitor	5" color monitor	7" color monitor	7" color monitor
Cleaning cycle	Manual with push button on MUFU	Fully automatic cycle	Fully automatic cycle
Alley management	N/A	Fully automatic cycle	Fully automatic cycle

Options			
Straw Chopper	YES	YES	YES
Seed Grinder	NO	YES	YES
Polytec NIR	NO	YES	YES
Cameras	YES	YES	

Dimensions			
Length	Starts at 5700 mm (225") incl. header with crop divider	Starts at 5700 mm (225") incl. header with crop divider	Incl. header max. 7330 mm (289") with straw chopper and outer divider fitted
Width	Starts at 1500 mm (59", center row threshing), max. 2250 mm (89")	Starts at 1500 mm (59", center row	3200 mm (126") without revolving warning beacon
Height	2975 mm (117")	2975 mm (117")	1620 mm (64") Cab width: 1800 mm (71"), 1880 mm cab roof (74")
Weight	Starts at 3900 kg (8600 lbs), incl. cab and header	Starts at 3950 kg (8700 lbs), incl. cab and header	5900 kg (13000 lbs) top equipment incl. header