



		CS520	CS540	CS640	CS660
<b>Grain header</b>					
Cutting width	(m)	3.66 - 5.18	3.96 - 6.10	4.57 - 7.32	5.18 - 7.32
Automatic header compensation and automatic stubble height control		●	●	●	●
Lateral float		○	○	●	●
Auto float		○	○	○	○
knife speed	(cuts/min.)	1150	1150	1150	1150
Spare bolted on sections with header		●	●	●	●
Single location coupling		●	●	●	●
Screw coupling / Quick coupling		Screw	Screw or quick	Screw or quick	Screw or quick
<b>Feeding auger</b>					
Full-width retractable fingers		●	●	●	●
<b>Pick-up reel</b>					
Diameter	(m)	1.07	1.07	1.07	1.07
Instant tine-angle adjustment		●	●	●	●
Reel speed controlled electrically from the cab		●	●	●	●
Automatic reel speed synchronised to forward speed		○	○	○	○
Hydraulic horizontal reel adjustment		●	●	●	●
<b>Maize headers</b>					
Number of rows		5R	5R-6R-6RFU	5R-6R-6RFU	6R-6RFU-8RFU
Stalk choppers		○	○	○	○
Rotary dividers		○	○	○	○
Flip-up		○ - ●	○ - ●	○ - ●	○ - ●
<b>Straw elevator</b>					
Number of chains		3	3	4	4
Number of slats		36	36	54	54
Feeder reverser		Electrical	Hydr.	Hydr.	Hydr.
<b>Threshing drum</b>					
Diameter	(m)	0.607	0.607	0.607	0.607
Width	(m)	1.30	1.30	1.56	1.56
Number of bars		8	8	8	8
Speed range	(rpm)	400 - 1140	400 - 1140	400 - 1140	400 - 1140
Optional drum speed reduction kit	(rpm)	240 - 685	240 - 685	240 - 685	240 - 685
Electrical speed adjustment from cab		●	●	●	●
Digital speed read-out on InfoView monitor		●	●	●	●
<b>Concave</b>					
Number of bars		14	14	14	14
Opti-Thresh™ concave		●	●	●	●
Angle of wrap, fixed part	(degrees)	85	85	85	85
Angle of wrap, total (fixed + extension)	(degrees)	121	121	121	121
Width	(m)	1.32	1.32	1.58	1.58
Area, Opti-Thresh™ closed	(m²)	0.86	0.86	1.04	1.04
De-awning plates		3	3	3	3
Pivoting stone trap		●	●	●	●
<b>Beater</b>					
Type		Square	Round	Round	Round
Speed (105% of threshing drum speed)	(rpm)	420 - 1200	420 - 1200	420 - 1200	420 - 1200
Diameter	(mm)	395	395	395	395
Beater area	(m²)	0.254	0.254	0.304	0.304
<b>Rotary Separator</b>					
Width	(m)	–	1.30	1.56	1.56
Diameter	(m)	–	0.59	0.59	0.59
Number of teeth		–	70	85	85
Speed	(rpm)	–	400 or 760	400 or 760	400 or 760
Quick speed change without tools		–	●	●	●
Concave area	(m²)	–	0.63	0.75	0.75
Rake behind concave area	(m²)	–	0.12	0.14	0.14
<b>Strawwalkers</b>					
Number		5	5	6	6
Number of steps (without Rotary Sep. / with Rotary Sep.)		6	6 / 5	6 / 5	5
Separation area (without Rotary Sep. / with Rotary Sep.)	(m²)	6.03 / –	6.03 / 5.38	7.22 / 6.45	6.45
Shaft speed	(rpm)	220	220	220	220
<b>Cleaning</b>					
Self-levelling sieves		○	○	○	○
Grainpan removable from front		●	●	●	●
Pre-cleaning system		●	●	●	●
Double-acting shaker shoe system		●	●	●	●
Total sieve area under wind control (FS / SL)	(m²)	4.32 / 4.11	4.32 / 4.11	5.20 / 4.95	5.20 / 4.95

		CS520	CS540	CS640	CS660
<b>Cleaning fan</b>					
Number of blades		6	6	6	6
Variable speed range - optional - low	(rpm)	165 - 420	165 - 420	165 - 420	165 - 420
- standard - high	(rpm)	400 - 1000	400 - 1000	400 - 1000	400 - 1000
Electrical speed adjustment from the cab, with speed displayed on monitor		●	●	●	●
<b>Return system</b>					
Type		to drum	to drum	to drum	to drum
<b>Grain elevator</b>					
High capacity grain elevator with HD chain & flaps		●	●	●	●
Grain elevator with central chain tensioning	(m)	●	●	●	●
<b>Graintank</b>					
Capacity	(litres)	6300	7000	7800	8800
Grain sample inspection door		●	●	●	●
Full graintank warning device		●	●	●	●
grain tank covers		●	●	●	●
<b>Unloading auger</b>					
Unloading speed	(litres/sec.)	72	72	72	72
<b>Straw chopper</b>					
Integrated with chopping/swathing plate		○	○	○	○
<b>Chaff spreader</b>					
Dual delivery		–	○	○	○
<b>Engine</b>					
Type		NH675 TA/CD	NH675 TA/CB	NH675 TA/CF	NH675 TA/CA
Gross engine power ISO TR 14396, at rated speed	(kW/hp)	150/204	175/238	190/258	207/281
Governor type		mechanical	mechanical	mechanical	mechanical
Rated engine speed	(rpm)	2100	2100	2100	2100
<b>Fuel tank</b>					
Capacity	(litres)	450	450	450	580
<b>Transmission</b>					
Type		Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Gearbox		3-speed	3-speed	3-speed	3-speed
Gear shifting		in 1 line	in 1 line	in 1 line	in 1 line
Differential lock		–	○	○	○
<b>Pneumatic system</b>					
Threshing and chopper engagement		●	●	●	●
Header and unloading actuation		●	●	●	●
Air compressor		●	●	●	●
<b>Tyres</b>					
Traction wheels		620/75R30	620/75R30	620/75R30	–
		620/75R34	620/75R34	620/75R34	620/75R34
		650/75R32	650/75R32	650/75R32	650/75R32
		800/65R32	800/65R32	800/65R32	800/65R32
		900/60R32	900/60R32	900/60R32	900/60R32
		20.8R38	20.8R38	–	–
		1050/50R32	1050/50R32	1050/50R32	1050/50R32
Steering wheels		16.0/70-20	16.0/70-20	16.0/70-20	16.0/70-20
		16.5/85-28	16.5/85-28	16.5/85-28	16.5/85-28
		460/70R24	460/70R24	460/70R24	460/70R24
		540/65R24	540/65R24	540/65R24	540/65R24
		400/70R20	400/70R20	400/70R20	400/70R20
<b>Dimensions (With traction wheels)</b>					
Maximum height in transport position	(m)	3,98	3,98	3,98	3,98
Minimum width with 20.8R38	(m)	2,998	2,998	–	–
Minimum width with 620/75R34	(m)	3,05	3,05	3,28	3,28
Maximum length	(m)	8,49	8,49	8,49	8,49
<b>Weight (approx)</b>					
Without header, with chopper	(kg)	10,600	11,100	11,700	12,000
<b>Discovery Plus cab</b>					
Curved glass windshield		●	●	●	●
Deluxe seat		●	●	●	●
Air-suspension seat		–	○	○	○
Instructor's seat		○	○	○	○
Steering column adjustment		3-way	3-way	3-way	3-way
Coolbox		●	●	●	●
Air-conditioning		●	●	●	●
Heating		○	○	○	○
Monitor in cab profile		●	●	●	●
Multi-control lever		●	●	●	●

● Standard ○ Option – Not available