

		TORUM 780	TORUM 750	RSM 161	ACROS 595 Plus	ACROS 585	ACROS 550	VECTOR 450Track	VECTOR 410
Header unit									
POWER STREAM Header	–	●		●	●	●		●	
Header coverage	–	6,0/7,0/9,0		7,0/9,0	5,0/6,0/7,0/9,0	5,0/6,0/7,0/9,0		5,0/6,0/7,0/9,0	
Cutting unit drive based on planetary gear reducer	–	●			●	●		●	
Automatic synchronisation of the reel rotation speed and a combine harvester speed	–	●			●	●		●	
Crop lifters	–	○			○	○		○	
Trailer	–	○			○	○		○	
Feeding									
Feeder type	–	beaters		conveyor and acceleration beater		conveyor		conveyor	
Relief copying spring system	–	–		–		●		●	
Relief copying electrical and hydraulic system	–	●		●		–		–	
Single hydraulic connector (multi-coupler)	–	●		●		●		●	
Threshing									
Thresher type	–	rotary with rotating concave		2 of drum	1 of drum	1 of drum		1 of drum	
Drum/rotor diameter	mm	762		800/750	800	800		800	
Drum/rotor length	mm	3 200		1 630	1 480	1 480		1 180	
Concave/ rotor concave coverage	deg.	360		124	130	130		130	
Overall concave area (threshing and separating part of rotor)	m ²	5,40		3,3	1,38	1,38		1,1	
Drum/rotor speed (with reduction gearbox)	RPM	250–1 000		300–920	335–1 050 (200–450)	335–1 050 (200–450)		335–1 050 (200–450)	
Jam Control module	–	–			●	●		●	
Separation									
Number of the straw-walker racks	pcs	–		6	5	5		4	
Length of the straw-walker racks	mm	–		3 500	4 100	4 100		4 100	
Straw-walker separation area	m ²	–		6,1	6,3	6,15		5,0	
Cleaning shoe									
Cleaning system type	–	3-screen (2 stages)		3-screen (2 stages)		2-screen, sectional		2-screen	
Overall area of screens	m ²	5,2		7,1	5,2	4,95		3,59	
In-cab electrical adjustment of sieves	–	●		●		–		–	
Final threshing device	–	stand alone		stand alone		stand alone		stand alone	
Grain tank									
Tanker capacity	liters	12 000	10 500	10 500	9 000	9 000		6 000	
Discharge rate	L/sec	105		115	90	90		50	
Discharge height	m	5,4	5,2	5,05	4,3/4,7	4,3/4,7		3,48	3,48
Hydropulsators		●		●	●	●		●	
Independent discharge (by portions, in any position of the unloading auger)		+		+	+ Smart Launch	+ Smart Launch		–	
Waterproof tanker		–		–	●	●	–	–	
Processing of the non-grain part of the harvest									
Shredding drum speed	RPM	1 600 / 3 400		1 900 / 3 400	1 800 / 3 400	1 800 / 3 400		2 900	
Number of knives	pcs	76		64	76	76		60	
Spread angle adjustment from the cab		●	○	○	–	–		–	
Chaff spreader		built-in in the shredder			●	–		–	
Harvester stacker		–		–	–	–		–	○ 12,0 m ³
Cab									
Luxury Cab with the system Adviser III		–		●	–	–		–	
Package Comfort Cab with Adviser II system		–		–	–	–	●	●	
Package Comfort Cab II with Adviser III system		●		–	●	●	–	–	
Automatic driving system		○		○	○	○		○	
Yield and moisture mapping system		○		○	○	○		○	
Unloading zone video monitoring system and back monitor		○		○	–	–		–	
Automatic centralised lubrication system	–	○		○	○	○		○	
Undercarriage									
Transmission		hydrostat.		hydrostat.	hydrostat.	hydrostat.		hydrostat.(2)	hydrostat.
Wheelbase	mm	3 817		3 800	4 000	4 000		4 100	3 778
Drive wheels track	mm	3 120		2 900	3 100	3 100		3 200	2 845
Driving wheel tyre type		900/60R32	30.5LR32		30,5LR32		30,5LR32		28LR26
Steering wheel tyre type		500/70R24	540/70R24		18,4R24		18,4R24		18,4R24
Removable half-tracks		○		○	–	–		○	
All-wheel drive		○		○	–	–		○	
Engine									
Manufacturer/grade		MTU/OM460LA		Cummins/QSL8.9	Cummins/6LTAA	Cummins/6LTAA	YaMZ/236BE2	YaMZ/236BK	YaMZ/236ND
Engine capacity, no of cylinders, arrangement	liters	12,82l / L6		8,9 L6	8,9 L6	8,9 L6	11,0 V6	11,0V6	11,0V6
Power	kW/h.p.	372 / 506	313 / 425	279 (360–380)	239 / 325	221 / 300	206 / 280	188 / 255	154 / 210
Fuel tank capacity	liters	850		1 050	540	540		540	540
Fuel consumption monitoring system		●		●	–	–	○	○	○
Air compressor		●		●	●	●	●	●	○
Overall dimensions and weight									
Length/width/height (without header, in transportation position)	mm	8 931/3 677/3 950		9 250/3 675/3 940	8 850/3 880/3 940	8 846/3 880/3 940		7 940/3 900/4 000	8 557/3 560/4 015
Weight (standard model with shredder, without header and fuel)	kg	16 350		16 500	14 330	13 400		16 600	11 390

● standard ○ optional – not available