



Technical data

	BiG X 680	BiG X 780	BiG X 880	BiG X 1180
Engine				
Model number	Liebherr D 9508	Liebherr D 9508	Liebherr D 9508	Liebherr D 9512
No. of cylinders	8	8	8	12
Engine capacity	Litres 16.16	16.16	16.16	24.24
Sustained engine power	kW/hp 505 / 687	570 / 775	660 / 898	850 / 1156
*** Max. continuous chopping output (X-Power)	kW/hp 487 / 662	550 / 748	632 / 860	818 / 1112
sustained Eco Power chopping output	kW/hp 368 / 500	368 / 500	441 / 600	441 / 600
Tank capacity	Litres	1,100 / 1.500 as an option		
SCR tank capacity	Litres	150		
Silage additive tank (small dose rate)	Litres	275 / 505 option / 2 x 13		
Traction drive				
Model	infinitely variable hydrostatic drive with wheel motors for up to 40km/h (24.9 mph)			
Speed in field mode	km/h	0 - 25 (0 - 15.5 mph)		
Speed in road mode	km/h	0 - 40 (0 - 24.9 mph)		
Selectable anti slip control		Standard		
4WD		Option		
Axles				
Steering angle on rear axle	Degrees	50		
Rear axle suspension		Hydraulic		
Drives				
Header		Infinitely variable		
Pre-compression rollers		Infinitely variable		
Pre-compression rollers				
Pre-compression roller throat volume		Funnel shaped		
Service position		Quick attach system (also with header attached)		
No. of rollers/metal detector/no. of magnet coils		6 / Series / 6		
Metal detector - counterblade distance	mm	820 (2'7")		
Chop length adjustment		steplessly from cab (0.5 mm increments)		
Chopping drum				
Drum width/diameter	mm	800 / 660 (2'7" / 2'2")		
Arrangement of blades		chevron style, at 11° to counterblade		
No. of blades		20, 28, 36, 40, 48		
LOC range	mm	5-31 / 4-22 / 3-17 / 2.5-15 / 2-12		
Cuts per minute		12,500 / 17,500 / 22,500 / 25,000 / 30,000		
Stepless drum floor adjustment / spring-loaded drum floor		Standard		
Corn conditioner				
OptiMaxx 250				
105/123 slanted teeth (optional HD, BusaCLAD)		Option		
123/144 slanted teeth (optional HD, BusaCLAD)		Option		
Speed differential	%	30 / Optional 40/50		
Roller diameter/clearance	mm	250 / 0.5 - 7.0 (10" / 0" - 0.3")		
OptiMaxx 305				
125/150 slanted teeth (optional HD, BusaCLAD)		Option		
150/175 slanted teeth (optional HD, BusaCLAD)		Option		
Speed differential	%	30/ optional 40		
Roller diameter/clearance	mm	305 / 0.5 - 7.0 (12" / 0" - 0.3")		
Roller conditioners				
166 teeth: Sawtooth profile		Option		
Roller diameter/clearance	mm	250 / 0.5 - 7.0 (10" / 0" - 0.3")		
Roller width of all corn conditioners	mm	710 (2'4")		
Distance control from the cab in combination with automatic lubrication		Standard		

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Discharge accelerator					
Rotor diameter/width/no. of paddles		560 (22") / 710 (28") / 8			
Paddle arrangement		arranged chevron-style			
Speed	rpm	2,280			
Stepless adjustment of the backplate / spring-loaded backplate		Standard			
Spout					
Angle of rotation	Degrees	210°			
Unloading height	m	6.00 (19'8")			
Cross-section dimensions	cm	34 x 23 (1'1" x 9")			
Automatic mirror function/parking position		Standard			
Rotary drive system		Gearboxes			
Spout lined with wear plates throughout		Standard			
Service & maintenance					
Auto lubricator with compressor		Standard			
Self-diagnosing system via operator terminal		Standard			
Cab²⁾					
Air seat and buddy seat		Standard			
Comfort air seat and buddy seat		Option			
Climate control / with mobile cool box		Standard / Option			
Windscreen wipers on front and sides/ rear wiper / 3 side wipers		Standard / Option			
Dimensions					
Length/width*/height*	m	7.50 - 8.25 / 3.20 - 3.50 / 3.90 - 3.98 (24'7" - 27'1" / 10'6" - 11'6" / 12'9" - 13'1")			
Base machine weight (without header)**	Approx. t	16.70	16.70	16.90	17.10
Weight distribution with EasyFlow 300 pick-up	F/R %	57 / 43			
Weight distribution with EasyCollect 750-3 (7.50 m ww)	F/R %	60 / 40			
Tyres***					
Front axle	Standard****	680 / 85 R32			
	Option	710 / 75 R42			
	Option	710 / 70 R42			
	Option	800 / 65 R32			
	Option	800 / 70 R38			
	Option	900 / 60 R32			
	Option	900 / 60 R42			
Rear axle	Standard****	540 / 65 R30			
	Option	620 / 70 R30			
	Option	710 / 60 R30			
Headers					
EasyFlow pick-up:	m	3.00 - 3.80 (9'10" - 12'6")			
EasyCollect variable row width header	m	4.50 / 6.00 / 7.50 / 9.00 / 10.50 (14'9" / 19'8" / 24'7" / 29'6" / 34'5")			
EasyCollect variable row width header	m	6.00 / 7.50 / 9.00 (19'8" / 24'7" / 29'6")			
Autopilot and active ground contouring for EasyCollect	m	Option			
XDisc: the direct cut head	m	6.20 (20'4")			

* Depending on tyre configuration

** Depending on level of specification

*** Does not combine with every tyre

**** Limited use depending on header used

All specifications, weights and dimensions do not necessarily comply with standard specifications and are therefore not binding. All product specifications are subject to change.

¹⁾ Busa®/CLAD is a registered trademark of Gebrüder Busatis Gesellschaft m.b.H.

²⁾ Further options on request