

# Equipment variants and technical details.

## Katana 650 Katana 850

### Engine

		MTU BR 1500	Liebherr D976
Manufacturer		■	■
Emissions Stage 5		■	■
Engine horsepower (ECE R 120)	kW/hp	478/650	623/847
Cylinder	Number	R6	R6
Cubic capacity	litres	15,6	18,0
Exhaust gas after-treatment		SCR + DPF	SCR
AdBlue tank	litres	205	190
Fuel consumption measurement		■	■
Tank capacity configuration 1 – Diesel/AdBlue	litres	1.225/205	1.430/190
Tank capacity configuration 2 – Diesel/AdBlue/Additive	litres	1.010/205/215	1.215/190/215
Standard fan		■	■
Reversible fan		□	□
Cooler cage cleaning brush		□	□
Maximum load control		■	■

### Ground drive

Hydrostatic drive		■	■
4WD hydrostatic		■	■
Speed field	km/h	0 - 20	0 - 20
Road speed (max. at 1,420 rpm)	km/h	0 - 40	0 - 40
Cruise control and maximum load control		■	■
40 km/h version		■	■
25 km/h version		□	□
20 km/h version		□	□
Steering drive axle hydraulic suspension		■	■
4WD as standard		■	■
4WD with increased engine torque		□	■
BalancedGrip – smart-controlled AWD		□	□

### Feed rollers

	Number	6	6
Rollers		■	■
Hydrostatic drive		■	■
Stepless cutting length adjustable from cab		■	■
Distance from metal detector to cutterhead	mm	620	620
Metal detector		■	■
Foreign-body detection		□	□

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### Cutterhead

Shaft cutterhead continuous		■	■
Diameter	mm	720	720
Width	mm	800	800
Cutter	Number	2 x 14 (7)	2 x 14 (7)
Speed	rpm	1.150	1.150
Hydraulic drum brake		■	■
Chop length 14 knives	mm	7,4 - 41,4	7,4 - 41,4
Chop length 20 knives	mm	5,2 - 29,0	5,2 - 29,0
Chop length 28 knives	mm	3,7 - 20,7	3,7 - 20,7
Chop length 40 knives	mm	2,6 - 14,5	2,6 - 14,5
Cutterhead universal knives /20		□	□
Cutterhead universal knives /28		■	■
Cutterhead universal knives /40		□	□
Maize knife set /20		□	□
Maize knife set /28		□	□
Maize knife set /40		□	□
Shearbar maize		□	□
Shearbar Universal		□	□
Shearbar Universal HD		□	□
Manual shearbar adjustment		■	■
Wearing parts set standard		■	■
Wearing parts set HD		□	□

### Kernel processing

R Cracker: roller cracker with sawtooth profile		■	■
RS Cracker: roller cracker with sawtooth profile and V helical groove		□	□
Diameter of rollers	mm	300	300
30% rotation speed difference		■	■
40% rotation speed difference		□	□

### Discharge blower

Open rotor with upright v-shaped elements		■	■
Rotor diameter	mm	550	550
Rotor width	mm	620	620

### Discharge chute

Pivot angle	Degrees	210	210
Overloading height	m	6,2	6,2
Discharge chute standard		■	■
Conical maize flap		□	□
Discharge chute extension		□	□

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### Cab

Comfort cab with all-round vision		■	■
Driving light front		■	■
Radio preparation		■	■
Electrically adjustable external rearview mirror and wide-angle mirror		■	■
Comfort seat, air sprung		■	■
Comfort seat, air sprung Evolution		□	□
Work lights standard		■	■
All work lights LED		□	□
Varioterminal 10.4" with touchscreen and key control		■	■
VarioDoc Basic		■	■
Output and yield measurement		□	□
Camera package		□	□
Emergency package		□	□
Radio DAB+		■	■
Side work lights		□	□
LED side work lights		□	□
Maintenance lighting LED		□	□
Cooling for storage box		□	□
Side wipers and windscreen washers		■	■
Radio system for discharge chute camera		□	□
2 additional coaxial speakers		□	□
Superimposed steering system and ready for automatic steering system		■	■
Guidance system steering key		□	□
FillControl		□	□

### Track guidance

Track guidance basic package		□	□
Standard NovAtel		□	□

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Contour Assistant		□	□
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### Additional equipment

Warning device up to vehicle width 3.00m		■	■
Warning device up to vehicle width 3.30m		□	□
Warning device up to vehicle width 3.50m		□	□
Fire extinguisher		□	□
Automatic hitch		□	□
Manual hitch		□	□
Compressed air system		■	■
Fuel tank diesel plus		■	■
Fuel tank diesel and water tank		□	□
Dosing system		□	□
Preparation for dosing system		□	□

### Supplement

Protection cover for transport		□	□
Auxiliary valve da		□	□
Automatic ground-hugging		■	■
Fendt Katana toolbox		□	□

### Front tyres

650/75R32 172A8 MT: AC70G ET 66	mm	3000	3000
710/70R42 173D TB: TM900 HP ET22	mm	3200	3200
800/70R38 173A8 MI: MACHXBIB ET -12	mm	3300	3300
900/60R38 172D MT: SFT ET -58	mm	3500	3500

### Rear tyres

500/80R28 176A8 MT: SVT ET 185		■	■
600/70R34 160D TB: TM900 ET 130		□	□
620/70R30 166A8 MT: SFT ET 100		□	□
VF620/75R30 172D MI: AXIOBIB 2 ET 100		□	□
710/60R30 165A8 MT: SFT ET 31		□	□

### Weights and dimensions

Unladen weight with cab without header	kg	16.200	17.500
Max. permissible overall weight	kg	18.500/24.000	18.500/25.000
Overall length without header	mm	7.182	7.182
Overall width without wheels	mm	2.955	2.955
Overall width with wheels	mm	2.995 - 3.499	2.995 - 3.499
Max. overall height	mm	3.989	3.989
Wheelbase	mm	3.450	3.450
Ground clearance with max. tyres	mm	450	450