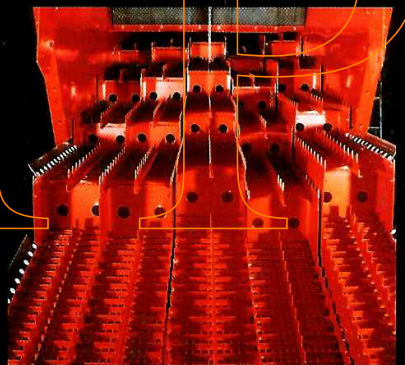
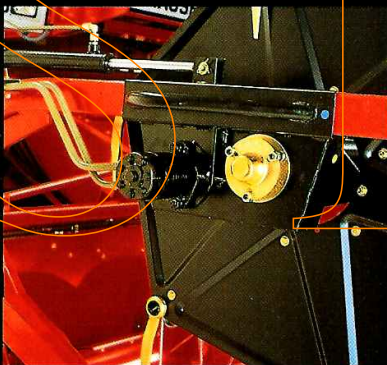
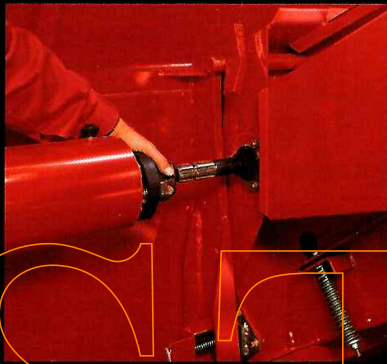


D 8400 Jumbo



Dronningborg D 8400 Jumbo

Dronningborg D 8400 Jumbo, a new combine in the Jumbo range, includes many of the advanced developments in harvesting technology which are incorporated in the largest Jumbo combines D 8900 Jumbo and D 9000 Jumbo.

D 8400 Jumbo has a choice of tables with cutting widths from 14 to 16 ft, freeflow or POWERFLOW. The large table auger with high auger flights has plenty of room for voluminous crops and thus ensures optimum capacity. The table auger is equipped with safety clutch as a protection against e.g. stone damage. The knife is driven by an oil-filled wobble box which reduces wear and vibrations and ensures steady work. All table functions are controlled from the multi-function lever.

The reel hydraulics functioning on the master/slave principle ensures the reel working truly parallel with the knife, leading to perfect pick-up of even the most difficult crops.

In the comfortable Jumbo cab, DANIAVISION provides the driver with all information he needs for adjusting the threshing mechanism and for servicing and operating the machine. Each hydraulic valve is positioned at the very function it controls. This decentralization minimizes noise and heat generation in the cab. All electrically controlled functions have separate wires and relays, and all wires are protected by flexible pipes.

The machine is built on an immensely strong chassis frame. The full width of the 140 cm threshing cylinder gives a thinner layer of crop and increased threshing effectiveness, leading to maximum performance.

Tall partitions (crop channelling) guide the material on grain pan and shaker shoe, which on hilly land allows utilization of the full width of the machine – in other words: High capacity under all harvesting conditions.

Specifications		Dronningborg D 8400 Jumbo
Engine	Rating	150 HP DIN (110 kW)
	Fuel tank	400 litres
Transmission	Type	Hydrostatic
	No of gears forw./rev.	3/3
	Speed	1st gear Forward 0 – 6.8 km/h
		Reverse 0 – 5.4 km/h
2nd gear Forward 0 – 12.5 km/h	Reverse 0 – 10.0 km/h	
	3rd gear Forward 0 – 24.7 km/h	
Reverse 0 – 19.8 km/h		
Cutting table	Cutting width	14 – 16 ft (433 – 494 cm)
	Knife drive, type	Wobble box (enclosed oil bath gear)
	Balancing	Gas accumulators
	Cutting height	–13 to 134 cm
	Cutting height presetting	DANIAVISION
	Reel adjustment up/down	Electro-hydraulic
		Electro-hydraulic
	Reel drive, type	Hydrostatic
	Reel speed	0 – 50 r.p.m. (peripheral speed: 0 – 9.4 km/h)
	Reel spring tines	Angle adjustable without tools
	Reversing	Electric
Threshing mechanism	Width	140 cm
	Cylinder diameter	45 cm
	No of rasp bars	6
	Cylinder variator	Electro-hydraulic
	Cylinder speed range	550 – 1500 r.p.m. (12.9 – 35.3 m/s)
	Concave area	6,800 sq.cm
	Concave wrap	117°
	No of rub bars	12
	Concave adjustment	One lever at the driver's seat
	Emptying of stone trap	External lever
Straw walkers	No of straw walkers	5
	Straw walker area	6.13 sq.m
	Straw walker bearings	Double ball bearings
Cleaning	Top sieve	Adjustable
	Bottom sieve	Adjustable
	Sieve area	4.5 sq.m
	Fanning mill speed	445 – 1050 r.p.m.
	Fanning mill adjustment	Electric, from cab
Returns system	Returns directed to	Threshing cylinder
	Sampling of returns	Tray at operator seat
Grain tank	Volume	5,200 litres
Unloading system	Type	Closed. Unloading in any position, independent of threshing mechanism
	Unloading auger pivotable	Electro-hydraulically
	Unloading capacity	87 litres/sec.
Operator environment	Cab	Standard. "Sealed beam" work light system with 8 fixed lights. Multi-function lever for forward speed and control of all table functions (incl. quick-stop of table).
	Heating, air conditioning	Optional extra
	Monitoring	DANIAVISION with 9' monitor
Wheels	Standard	23.1-26 traction wheels 12.5/80-18 rear wheels
	Over-size	28 LR 26 traction wheels 15.0/70-18 rear wheels
		400/55-22.5 rear wheels
	Dimensions and weight	Height
Width without table		310 cm (with standard wheels)
Length without table		808 cm
Weight with cab and table		Approx. 10,300 kg

Specifications are subject to change without notice.

Dania Reklame / 90250 / GB / 2000



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