



AIR CONDITIONING

The factory fit cabin is equipped with air conditioning. The air recirculation vents prevent external odours entering and helps cool the temperature faster.



SPACIOUS STORAGE AREA

The storage area is located directly next to the 12V power connection and allows easy charging of personal devices.



ILLUMINATED DASHBOARD

The illuminated dashboard is easy to read in all conditions and always provides an overview of the tractor's status.



ADJUSTABLE STEERING WHEEL

Whether with or without cab, the swivelling steering column in the DK series can be adapted to suit the driver.



COMMON RAIL DIESEL TECHNOLOGY

The lively Stage V engines with Common Rail Diesel Injection (CRDI) technology not only meet the latest environmental standards, but are also fuel-efficient and smooth running.



TOOLBOX

The practical toolbox offers space to keep essential tools close by and secure, keeping the cabin floor free from clutter.



FRONT LINKAGE AND PTO

The front linkage and PTO make the DK series highly versatile, for example by enabling a snow blower to be used in winter, or sweeping brush used in summer.



CLEVIS DRAW BAR

A height adjustable clevis type draw bar can be installed to ease the hitching and unhitching of equipment.



"I assume that the KIOTI EX50 will run forever."

OLD BUT GOLD

The EX50 from KIOTI was purchased in 2011 by Bremer Strassenbahn AG for the maintenance of the accompanying greenery, the railway facilities and tracks and has been doing its job since then without trouble. The powerful tractor is wonderfully clear with the flail mower mounted on the rear, which can be extended widely and clears away a good deal. In winter service we use a salt spreader and a snow plough. Since we drive in normal traffic, the manoeuvrability and the compact design is very helpful: I can drive on all roads and paths and don't disturb the flow of traffic. I sit on the machine for up to 8 hours a day and am very impressed with the cabin. The seat is comfortable and has excellent suspension, the controls are logically arranged and easily accessible. Maintenance is easy, the price-performance ratio is unbeatable compared to other brands, and the robust construction is also convincing. After all these years, nothing wobbles or rattles. I assume that the KIOTI EX50 will run forever.

Marc Hanussek, BSAG,
Bremer Straßenbahn AG

Model	DK4520H-EU		DK5020HS-EU	
		Roll-bar	Roll-bar	
Motor				
Manufacturer		KIOTI	KIOTI	
Control		Electronic (CRDI)	Electronic (CRDI)	Electr
Emissions tier		5	5	
Maximum power (ECE-R120)	hp (kW)	45.5 (33.5)	51.0 (37.5)	
Number of cylinders		3	3	
Engine displacement	cc	1,826	1,826	
Rated speed	rpm	2,600	2,600	
Turbocharger		Yes	Yes	
Fuel tank	l	48	45	
Power-train				
Transmission		HST - hydrostatic	Mechanical gearbox	Mech
Number of gears or HST ranges		3 ranges	16X16 F/R	
Shuttle Type		-	Hydro-shuttle	Hydro -
Creeper gear		-	Std.	
Maximum speed (forward)	km/h	0 - 30.8	0.3- 33.0	
Four-wheel drive		Std.	Std.	
Differential lock		Std. (rear axle)	Std. (rear axle)	Std.
Steering type		Hydr. power steering	Hydr. power steering	Hydr.
PTO				
Rear PTO	rpm	540	540 /540E	
Rated PTO power	PS	37.0	42.4	
Rear PTO clutch		Elec-hydr. engagement	Elec-hydr. engagement	El. hydr.
Front PTO (from intermediate axles)	rpm	Opt	-	
		2,000	-	
Front PTO (by engine)	rpm	Opt.	Opt.	
		1,000	1,000	
Hydraulics				
Number of double-acting spools at the rear		2 (Std.)	2 (Std.)	
Four-way cross control lever		front loader	front loader	
Number of double-acting spools		4	4	
Pump power (work / steering)	l/min	62.4 (36.4 / 26.0)	55.1 (36.4 / 18.7)	62.4
Pressure	bar	195	195	
Three-point linkage (rear)				
Regulation		Position control	Position / draft / combination	Position
Category		Cat 1 (Cat 2 Opt.)	Cat 1 (Cat 2 Opt.)	Cat 1
Maximum lifting capacity	kg	1,717	1,717	
Lifting capacity at the coupling point (entire stroke)	kg	1,417	1,417	
Lifting capacity 610mm behind coupling point (entire stroke)	kg	1,467	1,467	
Three-point linkage (front)				
Available		Opt.	Opt.	
Category		Cat 1	Cat 1	
Dimensions				
Total length (incl. three-point lift)	mm	3,310	3,288	
Width	mm	1,503 (Ag tyres)	1,503 (Ag tyres)	1,503
Total height (roll bar)	mm	2,405 (Ag tyres)	2,405 (Ag tyres)	2,405
Total height (cabin)	mm	-	-	
Wheelbase	mm	1,810	1,810	
Min. ground clearance	mm	362 (Ag tyres)	362 (Ag tyres)	362
Weight (roll bar)	kg	1,598	1,610	
Weight (cabin)	kg	-	-	
Permissible total weight	kg	2,885	2,885	
Ab. Front axle load (max.)	kg	1,750	1,750	
Ab. Rear axle load (max.)	kg	1,950	1,950	
Towing capacity				
B1 - unbraked	kg	630	2,100	
B2 - Overrun braked	kg	5,500	5,500	
Extras				
Air conditioning		-	-	
Swivel steering column		Std.	Std.	
Cruise Control		Opt.	-	
HST Link (HST / engine speed coupling)		Opt.	-	
Stationary PTO operation		Std.	Std.	
Automatic PTO control with rear linkage		Std.	Std.	
Cruise PTO (hand throttle)		Std.	Std.	
Clutch button on gear shifter		-	Std.	

DK6020HS-EU	DK6020H-EU	DK4520C-EU	DK4520CH-EU	DK5020C-EU	DK5020CH-EU	DK6020C-EU	DK6020CH-EU
Roll-bar	Roll-bar	Cabin	Cabin	Cabin	Cabin	Cabin	Cabin
KIOTI	KIOTI	KIOTI	KIOTI	KIOTI	KIOTI	KIOTI	KIOTI
(CRDI)	Electronic (CRDI)	Electronic (CRDI)	Electronic (CRDI)	Electronic (CRDI)	Electronic (CRDI)	Electronic (CRDI)	Electronic (CRDI)
5	5	5	5	5	5	5	5
45.5 (33.5)	58.5 (43)	45.5 (33.5)	45.5 (33.5)	51.0 (37.5)	51.0 (37.5)	58.5 (43)	58.5 (43)
3	3	3	3	3	3	3	3
1,826	1,826	1,826	1,826	1,826	1,826	1,826	1,826
2,600	2,600	2,600	2,600	2,600	2,600	2,600	2,600
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
48	48	48	48	48	48	48	48
gearbox	HST - hydrostatic	Mechanical gearbox	HST - hydrostatic	Mechanical gearbox	HST - hydrostatic	Mechanical gearbox	HST - hydrostatic
16X16 F/R	3 ranges	16X16 F/R	3 ranges	16X16 F/R	3 ranges	16X16 F/R	3 ranges
shuttle	-	Synchro-shuttle	-	Synchro-shuttle	-	Synchro-Shuttle	-
Std.	-	Std.	-	Std.	-	Std.	-
0.3- 33.0	0 - 30.8	0.3- 33.0	0 - 30.8	0.3- 33.0	0 - 30.8	0.3- 33.0	0 - 30.8
Std.	Std.	Std.	Std.	Std.	Std.	Std.	Std.
(rear axle)	Std. (rear axle)	Std. (rear axle)	Std. (rear axle)	Std. (rear axle)	Std. (rear axle)	Std. (rear axle)	Std. (rear axle)
pow. steering	Hydr. power steering	Hydr. power steering	Hydr. power steering	Hydr. power steering	Hydr. power steering	Hydr. power steering	Hydr. power steering
540/540E	540	540/540E	540	540/540E	540	540/540E	540
38.1	47.6	38.1	42.4	42.4	42.4	50.8	47.6
engagement	Elec-hydr. engagement	Elec-hydr. engagement	Elec-hydr. engagement	Elec-hydr. engagement	Elec-hydr. engagement	Elec-hydr. engagement	Elec-hydr. engagement
-	Opt	-	Opt	-	Opt	-	Opt
-	2,000	-	2,000	-	2,000	-	2,000
Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.
1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2 (Std.)	2 (Std.)	2 (Std.)	2 (Std.)	2 (Std.)	2 (Std.)	2 (Std.)	2 (Std.)
Std.	Std.	Std.	Std.	Std.	Std.	Std.	Std.
4	4	4	4	4	4	4	4
(36.4 / 26)	62.4 (36.4 / 26)	62.4 (36.4 / 26)	62.4 (36.4 / 26)	62.4 (36.4 / 26)	62.4 (36.4 / 26)	62.4 (36.4 / 26)	62.4 (36.4 / 26)
195	195	195	195	195	195	195	195
/ draft / combi	Position control	Position / draft / combination	Position control	Position / draft / combination	Position control	Position / draft / combination	Position control
(Cat 2 Opt.)	Cat 1 (Cat 2 Opt.)	Cat 1 (Cat 2 Opt.)	Cat 1 (Cat 2 Opt.)	Cat 1 (Cat 2 Opt.)	Cat 1 (Cat 2 Opt.)	Cat 1 (Cat 2 Opt.)	Cat 1 (Cat 2 Opt.)
1,717	1,717	1,717	1,717	1,717	1,717	1,717	1,717
1,417	1,417	1,417	1,417	1,417	1,417	1,417	1,417
1,467	1,467	1,467	1,467	1,467	1,467	1,467	1,467
Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.
Cat 1	Cat 1	Cat 1	Cat 1	Cat 1	Cat 1	Cat 1	Cat 1
3,310	3,310	3,310	3,310	3,310	3,310	3,310	3,310
(Ag tyres)	1,503 (Ag tyres)	1,503 (Ag tyres)	1,503 (Ag tyres)	1,503 (Ag tyres)	1,503 (Ag tyres)	1,503 (Ag tyres)	1,503 (Ag tyres)
(Ag tyres)	2,405 (Ag tyres)	-	-	-	-	-	-
-	-	2,363 (Ag tyres)	2,363 (Ag tyres)	2,363 (Ag tyres)	2,363 (Ag tyres)	2,363 (Ag tyres)	2,363 (Ag tyres)
1,810	1,810	1,810	1,810	1,810	1,810	1,810	1,810
(Ag tyres)	362 (Ag tyres)	362 (Ag tyres)	362 (Ag tyres)	362 (Ag tyres)	362 (Ag tyres)	362 (Ag tyres)	362 (Ag tyres)
1,610	1,598	-	-	-	-	-	-
-	-	1.848	1.887	1.848	1.887	1.848	1.887
3,447	3,447	3,447	2,885	3,447	3,447	3,447	3,447
1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750
1,950	1,950	1,950	1,950	1,950	1,950	1,950	1,950
2,100	630	2,100	630	2,100	630	2,100	630
5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500
-	-	Std.	Std.	Std.	Std.	Std.	Std.
Std.	Std.	Std.	Std.	Std.	Std.	Std.	Std.
-	Opt.	-	Std.	-	Std.	-	Std.
-	Opt.	-	Std.	-	Std.	-	Std.
Std.	Std.	Std.	Std.	Std.	Std.	Std.	Std.
Std.	Std.	Std.	Std.	Std.	Std.	Std.	Std.
Std.	Std.	Std.	Std.	Std.	Std.	Std.	Std.
Std.	-	-	-	-	-	-	-