

DK30 SERIES

DK4530 _44.9HP



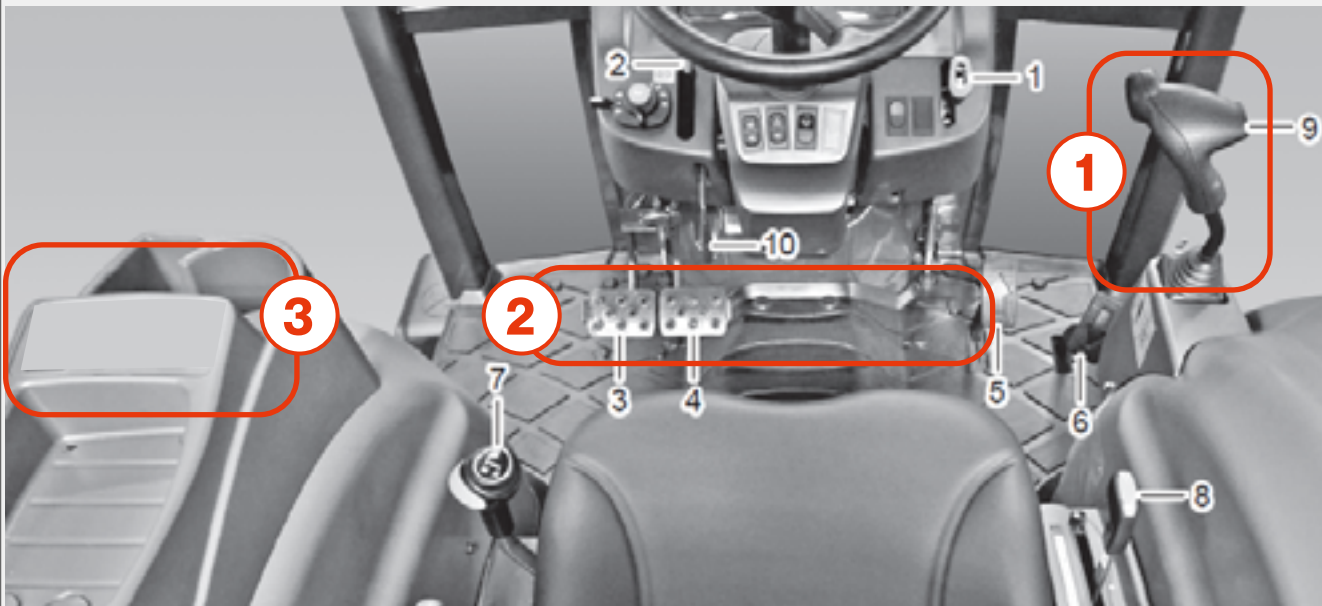
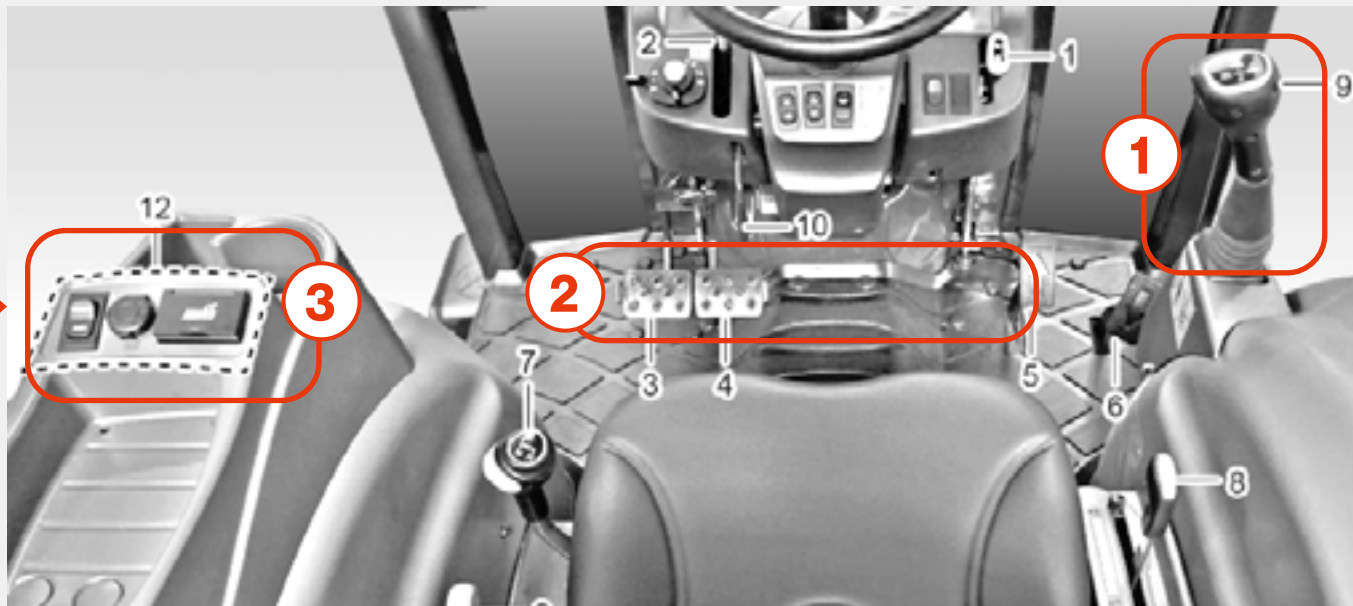
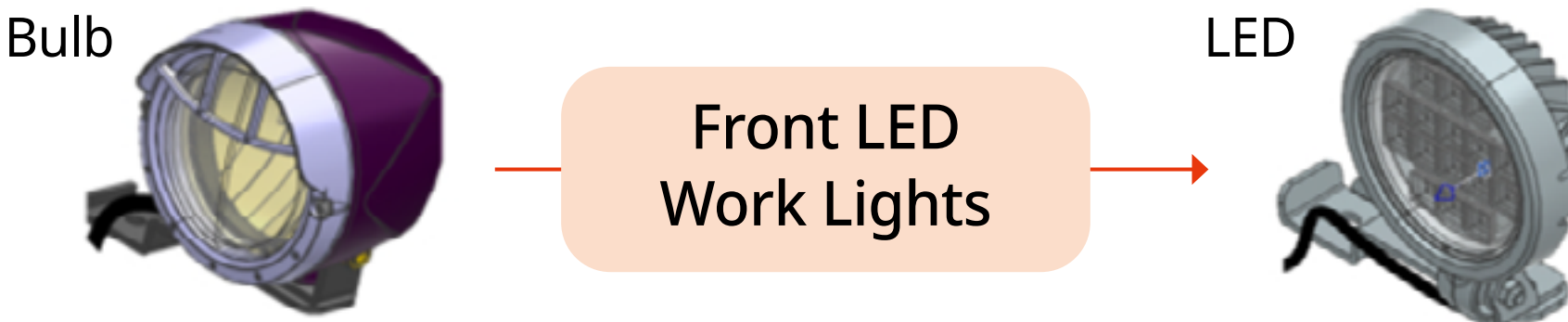
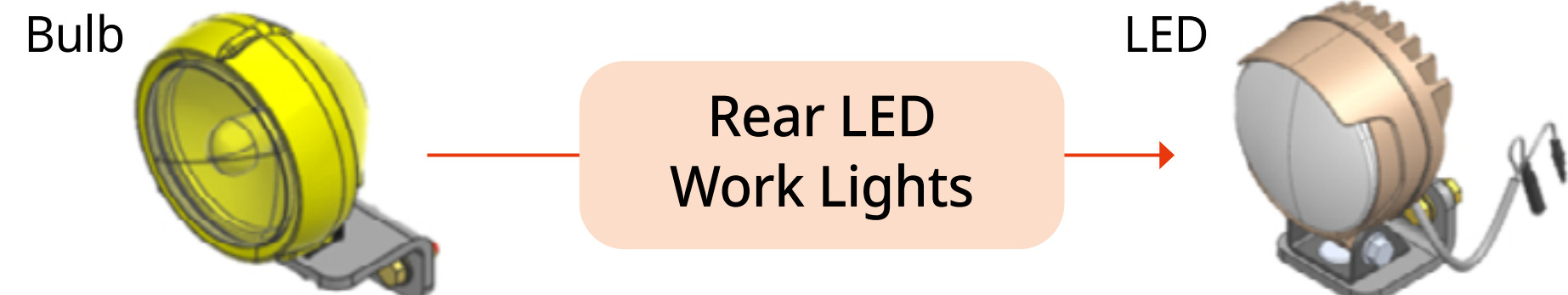
DK5030 _50.3HP

DK6030 _57.7HP

KIOTI Product Book



PRODUCT IMPROVEMENTS FOR EU VERSION

Category	As-Is → To-Be		
Exterior		<ul style="list-style-type: none"> • Bonnet Features KIOTI's new design identity • LED Headlamps Bright and clear visibility ensures safe operation even at night 	
Interior		<ol style="list-style-type: none"> ① Joystick Lever & Finger RPM Equipped with a user-friendly joystick and Finger RPM control for enhanced work convenience ② Rubber Pedals Slip-resistant pedals provide stable and secure operation ③ USB Charging Port USB port allows convenient device charging during operation 	
Option Kit	 <p data-bbox="932 1538 1199 1650">Front LED Work Lights</p>		 <p data-bbox="2365 1538 2632 1650">Rear LED Work Lights</p>

FEATURE COMPARISON BY MODEL

Project Code		TD210	TD210	TD210	TD210	TD210
Base Model		TD210	TD210	TD210	TD200	TD200
Model Name		DK4520H-EU DK5020H-EU DK6020H-EU	DK4520CH-EU DK5020CH-EU DK6020CH-EU	DK5020C-EU DK6020C-EU DK4520C-EU DK5020CN-EU DK6020CN-EU	DK4520N-EU DK5020N-EU DK6020N-EU	DK4520HS-EU DK5020HS-EU DK5020NHS-EU DK6020HS-EU
ROPS/Cabin		ROPS	CABIN	CABIN	ROPS	ROPS
Transmission		HST	HST	Manual	Manual	H-Shuttle
LED Headlamps / Bonnet		S	S	S	S	S
Rubber Pedals	Brake	S	S	S	S	S
	Clutch			S	S	S
Joystick Lever (3 Buttons)		S	S			
Finger RPM UP		S	S			
LED Work Lights (Front / Rear)		opt. kit	opt. kit	opt. kit	opt. kit	opt. kit
USB Charging		X	opt. kit	opt. kit	X	X

PROJECT CODE & MODEL NAME

no	Project Code	Base Model	ROPS/Cabin	Transmission
1	TD210	TD210	ROPS	HST
2	TD210	TD210	ROPS	HST
3	TD210	TD210	ROPS	HST
4	TD210	TD210	CABIN	HST
5	TD210	TD210	CABIN	HST
6	TD210	TD210	CABIN	Manual
7	TD210	TD210	CABIN	HST
8	TD210	TD210	CABIN	Manual
9	TD210	TD210	CABIN	Manual
10	TD210	TD210	CABIN	Manual
11	TD210	TD210	CABIN	Manual
12	TD210	TD200	ROPS	Manual
13	TD210	TD200	ROPS	H-Shuttle
14	TD210	TD200	ROPS	Manual
15	TD210	TD200	ROPS	H-Shuttle
16	TD210	TD200	ROPS	H-Shuttle
17	TD210	TD200	ROPS	Manual
18	TD210	TD200	ROPS	H-Shuttle

Model Name	
Before	After
DK4520H-EU	DK4530H-EU
DK5020H-EU	DK5030H-EU
DK6020H-EU	DK6030H-EU
DK4520CH-EU	DK4530CH-EU
DK5020CH-EU	DK5030CH-EU
DK5020C-EU	DK5030C-EU
DK6020CH-EU	DK6030CH-EU
DK6020C-EU	DK6030C-EU
DK4520C-EU	DK4530C-EU
DK5020CN-EU	DK5030CN-EU
DK6020CN-EU	DK6030CN-EU
DK4520N-EU	DK4530N-EU
DK4520HS-EU	DK4530HS-EU
DK5020N-EU	DK5030N-EU
DK5020HS-EU	DK5030HS-EU
DK5020NHS-EU	DK5030NHS-EU
DK6020N-EU	DK6030N-EU
DK6020HS-EU	DK6030HS-EU

TARGET SPECIFICATIONS

Project	TD210	TD210	TD210	TD210	TD210	TD210	TD210	TD210	TD210
Model	DK4530H-EU	DK4530C-EU	DK4530CH-EU	DK5030H-EU	DK5030C(N)-EU	DK5030CH-EU	DK6030H-EU	DK6030C(N)-EU	DK6030CH-EU
Transmission type	HST	Manual	HST	HST	Manual	HST	HST	Manual	HST
Engine									
Manufacturer	Daedong	Daedong	Daedong	Daedong	Daedong	Daedong	Daedong	Daedong	Daedong
Model	3HT-TH5C	3HT-TM5C	3HT-TH5C	3HT-TH5C	3HT-TM5C	3HT-TH5C	3HT-TH5C	3HT-TM5C	3HT-TH5C
Engine Gross Power(Base+Boost) (97/68EC, ECE-R120)	HP(kw)	44.9(33.5)	44.9(33.5)	44.9(33.5)	50.3(37.5)	50.3(37.5)	50.3(37.5)	57.7(43)	57.7(43)
Rated revolution	rpm	2600	2600	2600	2600	2600	2600	2600	2600
Max. Torque	Nm	148	148	148	166	166	166	187	187
Torque reserve percentage	%	20.1	20.1	20.1	20.4	20.4	20.4	18.3	18.3
Type	Vertical Water-Cooled 4-Cycle 3-Cylinder Common Rail Diesel Engine								
No.of cylinders		3	3	3	3	3	3	3	3
Total displacement	cc(cu in.)	1826	1826	1826	1826	1826	1826	1826	1826
Turbo Charge		Fixed Waste Gate	Fixed Waste Gate	Fixed Waste Gate	Fixed Waste Gate	Fixed Waste Gate	Fixed Waste Gate	Fixed Waste Gate	Fixed Waste Gate
Bore&stroke	mm(in.)	87x102.4	87x102.4	87x102.4	87x102.4	87x102.4	87x102.4	87x102.4	87x102.4
Combustion system	Direct Injection Type								
Compression Ratio		17.4:1	17.4:1	17.4:1	17.4:1	17.4:1	17.4:1	17.4:1	17.4:1
Injection timing	ATDC 2 ° ~BTDC 10 °								
Injection order		1-2-3	1-2-3	1-2-3	1-2-3	1-2-3	1-2-3	1-2-3	1-2-3
Weight(dry)	kg.f(lbs)	230	230	230	230	230	230	230	230
Alternator	V-A	12V/75A	12V/75A	12V/75A	12V/75A	12V/75A	12V/75A	12V/75A	12V/75A
Battery	V-A(20h)	12/80	12/80	12/80	12/80	12/80	12/80	12/80	12/80
Cooling system	Water-Cooled (Forced Circulation)								
Lubricating system	Forced Lubrication with Pressure Feed and Filtration System								

TARGET SPECIFICATIONS

Project		TD210	TD210	TD210	TD210	TD210	TD210	TD210	TD210	TD210
Model		DK4530H-EU	DK4530C-EU	DK4530CH-EU	DK5030H-EU	DK5030C(N)-EU	DK5030CH-EU	DK6030H-EU	DK6030C(N)-EU	DK6030CH-EU
Transmission type		HST	Manual	HST	HST	Manual	HST	HST	Manual	HST
Capacity										
Engine oil (Filter included)	ℓ(us gal)	7.4(1.95)	7.4(1.95)	7.4(1.95)	7.4(1.95)	7.4(1.95)	7.4(1.95)	7.4(1.95)	7.4(1.95)	7.4(1.95)
Engine coolant	ℓ(us gal)	7.9(2.1)	7.9(2.1)	7.9(2.1)	7.9(2.1)	7.9(2.1)	7.9(2.1)	7.9(2.1)	7.9(2.1)	7.9(2.1)
Fuel tank	ℓ(us gal)	48(12.7)	48(12.7)	48(12.7)	48(12.7)	48(12.7)	48(12.7)	48(12.7)	48(12.7)	48(12.7)
Transmission case	ℓ(us gal)	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
Support of front axle	ℓ(us gal)	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
PTO										
Rear PTO type		Independent	Independent	Independent	Independent	Independent	Independent	Independent	Independent	Independent
Shaft spec.		SAE 1-3/8, 6 Spline	SAE 1-3/8, 6 Spline	SAE 1-3/8, 6 Spline	SAE 1-3/8, 6 Spline	SAE 1-3/8, 6 Spline	SAE 1-3/8, 6 Spline	SAE 1-3/8, 6 Spline	SAE 1-3/8, 6 Spline	SAE 1-3/8, 6 Spline
PTO Rated rpm		540	540, 750	540	540	540, 750	540	540	540, 750	540
PTO Power	HP	36.5	36.5	36.5	41.8	41.8	41.8	47	50.2	47
PTO Efficiency	%	81.1	81.1	81.1	83.6	83.6	83.6	81	86.5	81
Fuel Consumption	g/HPhr	194.3	194.3	194.3	191.7	191.7	191.7	197	185	197
Fuel Consumption	ℓ/h(gph)	8.5	8.5	8.5	9.6	9.6	9.6	11.1	11.1	11.1
Engine Speed	RPM	2200	2200	2200	2200	2200	2200	2300	2300	2300
PTO Speed	RPM	468	468	468	468	468	468	490	490	490
PTO Power	HP	32.8	32.8	32.8	39.2	39.2	39.2	45.1	49.6	45.1
PTO Efficiency	%	73	73	73	78.3	78.3	78.3	77.8	85.6	77.8
Fuel Consumption	g/HPhr	236.1	236.1	236.1	211.1	211.1	211.1	218.8	190.8	218.8
Fuel Consumption	ℓ/h(gph)	9.3	9.3	9.3	9.9	9.9	9.9	11.8	11.3	11.8
Engine Speed	RPM	2600	2600	2600	2600	2600	2600	2600	2600	2600
PTO Speed	RPM	553	553	553	553	553	553	553	553	553
PTO Power	HP	33.4	33.4	33.4	39.3	39.3	39.3	44.9	49.4	44.9
PTO Efficiency	%	74.1	74.1	74.1	78.7	78.7	78.7	77.4	85.2	77.4
Fuel Consumption	g/HPhr	218.4	218.4	218.4	213.6	213.6	213.6	206.3	189.3	206.3
Fuel Consumption	ℓ/h(gph)	8.7	8.7	8.7	10.1	10.1	10.1	11.1	11.2	11.1
Engine Speed	RPM	2550	2550	2550	2550	2550	2550	2550	2550	2550
PTO Speed	RPM	543	543	543	543	543	543	543	543	543
Mid PTO rated rpm	rpm	2000	N/A	2000	2000	N/A	2000	2000	N/A	2000

TARGET SPECIFICATIONS

Project		TD210	TD210	TD210	TD210	TD210	TD210	TD210	TD210	TD210
Model		DK4530H-EU	DK4530C-EU	DK4530CH-EU	DK5030H-EU	DK5030C(N)-EU	DK5030CH-EU	DK6030H-EU	DK6030C(N)-EU	DK6030CH-EU
Transmission type		HST	Manual	HST	HST	Manual	HST	HST	Manual	HST
Performance										
ROPS Certification (OECD/EEC/SAE...)		EEC	EEC	EEC	EEC	EEC	EEC	EEC	EEC	EEC
Drawbar type		Drawbar(Clevis)	Drawbar(Clevis)	Drawbar(Clevis)	Drawbar(Clevis)	Drawbar(Clevis)	Drawbar(Clevis)	Drawbar(Clevis)	Drawbar(Clevis)	Drawbar(Clevis)
Max. Drawbar vertical load	kg.f(lbs)	750(1655)	750(1655)	750(1655)	750(1655)	750(1655)	750(1655)	750(1655)	750(1655)	750(1655)
Max. Trailer loading weight	kg.f(lbs)	4300(9480)	4300(9480)	4300(9480)	4300(9480)	4300(9480)	4300(9480)	4300(9480)	4300(9480)	4300(9480)
Max. permissible weight (EEC Compliant)	kg.f(lbs)	2885	3447	3447	2885	3447	3447	2885	3447	3447
Driving speed	km/h	6.5		6.5	6.8		6.8	7.4	6	7.4
Towing Power	HP(kW)	19.1		19.1	23.4		23.4	35.6	33.2	35.6
Tire Size										
AG. Tire FR		8-16	9.5-16	8-16	8-16	9.5-16	8-16	8-16	9.5-16	8-16
AG. Tire RR		13.6-24	13.6-24	13.6-24	13.6-24	13.6-24	13.6-24	13.6-24	13.6-24	13.6-24
Ind. Tire FR		10-16.5	10-16.5	10-16.5	10-16.5	10-16.5	10-16.5	10-16.5	10-16.5	10-16.5
Ind. Tire RR		14.9-24	14.9-24	14.9-24	14.9-24	14.9-24	14.9-24	14.9-24	14.9-24	14.9-24
Mission Function										
Creep gear	mm(in.)	-	Std.	-	-	Std.	-	-	Std.	-
4WD	mm(in.)	Std.	Std.	Std.	Std.	Std.	Std.	Std.	Std.	Std.
Quick Turn	mm(in.)	-	Std.	-	-	Std.	-	-	Std.	-
Auto 4WD	mm(in.)	-	Std.	-	-	Std.	-	-	Std.	-
Rear PTO	mm(in.)	Std.	Std.	Std.	Std.	Std.	Std.	Std.	Std.	Std.
Mid PTO	mm(in.)	Std.	-	Std.	Std.	-	Std.	Std.	-	Std.
Parking Lock	kg.f(lbs)	-	Std.	-	-	Std.	-	-	Std.	-

