

DH13K Technical Specifications:

ENGINE		
ENGINE	FPT N67 // Cummins QSB6.7	
EMISSION STANDARD	Tier4 final/ Euro Stage IV	
RATED SPEED	2200rpm	
GROSS POWER	118kW(158hp) // 116kW(155hp)	
NET POWER	115kW(154hp) // 113kW(151hp)	
NUMBER OF CYLINDERS	6-104mm-132mm(6-4in.-5in.) // 6-107mm-124mm(6-4.2in.-4.9in.)	
PISTON DISPLACEMENT	6.7L(409cu.in.)	
MAXIMUM TORQUE	750Nm(554lb.-ft.)/1500rpm // 672Nm(496lb.-ft.)/1500rpm	
COOLING SYSTEM	Intelligent temperature control fan	
POWER TRANSMISSION SYSTEM		
POWER TRANSMISSION SYSTEM	Double loop electro static pressure drive, intelligent matching load change	
SYSTEM OVERFLOW PRESSURE	42500kPa(6162.5psi)	
TRAVEL SPEED		
FORWARD	0~10km/h(6.2mph)	
REVERSE	0~10km/h(6.2mph)	
TRACTIVE FORCE	200kN(45000lb.)	
STEERING CLUTCH	Hydraulic motor differential steering, in situ steering, steering with load	
STEERING BRAKE	Normally closed brake	
FINAL DRIVE	One stage straight gear + One stage planetary gear	
UNDERCARRIAGE SYSTEM	XL	LGP
TYPE	Pivot, balanced beam suspension	Pivot, balanced beam suspension
TRACK TYPE	Single-grouser,dry	Single-grouser,dry
TRACK GAUGE	1930mm(76in.)	2150mm(79in.)
WIDTH OF TRACK SHOES	560mm(22in.)	760mm(30in.)
GROUND LENGTH	2640mm (104in.)	2640mm (104in.)
GROUND AREA	29568cm ² (4583sq.in.)	40128cm ² (6220sq.in.)
TRACK PITCH OF SHOES PER SIDE	40	40
GROUND PRESSURE	46.3kPa(6.71psi)	35.6kPa(5.16psi)
CARRIER ROLLERS	2 Pieces/side	2 Pieces/side
TRACK ROLLERS	7 Pieces/side	7 Pieces/side
PITCH	190mm(7in.)	190mm(7in.)
MIN. TURNING RADIUS	3468mm(137in.)	3543mm(139in.)
MAINTENANCE CAPACITY		
FUEL TANK CAPACITY	251L(66gal.)	
COOLANT CAPACITY	30L(8.0gal.)	
ENGINE OIL CAPACITY	20L(5.3gal.)	
DEF TANK	41.5L(11gal.)	
HYDRAULIC TANK	65L(17gal.)	
FINAL DRIVE	19L(5gal.)/Side	
OPERATING WEIGHT	XL	LGP
TRACTION FRAME	13700kg(30203lb.)	14300kg(31526lb.)
RIPPER	14900KG(32849lb.)	--
WINCH	14700KG(32408lb.)	15300kg(33731lb.)

OVERALL DIMENSION	XL	LGP
BLADE TYPE	PAT	PAT
DOZING CAPACITY	3.39cu.m(4.4cu.yd.)	3.69cu.m(4.83cu.yd.)
A OVERALL HEIGHT	3043mm(120in.)	3043mm(120in.)
B TOOTH HEIGHT	50mm(2in.)	50mm(2in.)
C GROUND CLEARANCE:	360mm(14in.)	360mm(14in.)
D OVERALL LENGTH	5010mm (197in.)	5010mm (197in.)
E WITHOUT TRACTION FRAME LENGTH	4958mm (195in.)	4958mm (195in.)
F MAXIMUM TILT ADJUSTMENT	950mm (37in.)	950mm (37in.)
G MAXIMUM DROP BELOW GROUND	460mm (18in.)	460mm (18in.)
H THE BLADE BURIED ANGLE	55°±3°(deg.)	55°±3°(deg.)
I BLADE WIDTH	3380mm (133in.)	3680mm (145in.)
J BLADE HEIGHT	1120mm (44in.)	1120mm (44in.)
K THE MAXIMUM SWING ANGLE OF BLADE	25°(deg.)	25°(deg.)
L THE MAXIMUM SWING ANGLE OF THE BLADE WIDTH	3063mm (121in.)	3430mm (135in.)
M BLADE TILT HEIGHT	500mm (19.7in.)	500mm (19.7in.)
N THE MAXIMUM SWING ANGLE OF THE LEFT KNIFE ANGLE TRACK PROJECTION DISTANCE	54mm (2.13in.)	91mm (3.6in.)
O TRACK WIDTH AT BOTH ENDS	2490mm (98in.)	2910mm (115in.)
P THE MAXIMUM SWING ANGLE OF THE RIGHT ANGLE KNIFE TRACK PROJECTION DISTANCE	465mm (18.3in.)	430mm (17in.)
RIPPER (OPTIONAL)		
TYPE	Three-shank ripper	
WEIGHT	1035kg (2282lb.)	
Q MAXIMUM WORKING DEPTH	500mm (20in.)	
S SCARIFIER LENGTH (THE SUBSOILING POSITION)	1530mm (60in.)	
S' SCARIFIER LENGTH (MAXIMUM LIFT POSITION)	1230mm (48in.)	
T RIPPER WIDTH	1759mm (69in.)	
U TILT ANGLE (MAXIMUM LIFT POSITION)	43°(deg.)	
V SCARIFICATION WIDTH	1696mm (66.7in.)	
W RIPPER HORNS DISTANCE	800mm (31.5mm)	
WINCH (OPTIONAL)		
TYPE	Hydraulic Winch (H5CT)	
WEIGHT	998kg(2200lb.)	
OPTIONAL WIRE DIAMETER	16mm(0.63in.)/19mm(0.75in.) /22mm(0.87in.)	
MAXIMUM LENGTH OF WIRE	128.9m(422ft.11in.)/90.8m(297ft.11in.) /65.5m(214ft.11in.)	
MAXIMUM WIRE FORCE(BARE DRUM)	28190kg(62148lb.)	
MAXIMUM WIRE FORCE(FULL DRUM)	15190kg(33488lb.)	
WIRE RATED SPEED(BARE DRUM)	13.6m/min(73ft.2in./min)	
Y WINCH LENGTH	900mm(35in.)	

DH16K Technical Specifications:

ENGINE		
ENGINE	Cummins QSB 6.7 // FPT N67	
EMISSION STANDARD	Tier4 final/ Euro Stage IV	
RATED SPEED	2000rpm // 2100rpm	
GROSS POWER	142kW(190hp)	
NET POWER	138kW(185hp)	
NUMBER OF CYLINDERS	6-107mm-124mm(6-4in.-5in.) // 6-104mm-132mm(6-4in.-5in.)	
PISTON DISPLACEMENT	6.7L(409cu.in.)	
MAXIMUM TORQUE	809Nm(597lb.-ft.)/1500rpm // 850Nm(627lb.-ft.)/1400rpm	
COOLING SYSTEM	Intelligent temperature control fan	
POWER TRANSMISSION SYSTEM		
POWER TRANSMISSION SYSTEM	Double loop electro static pressure drive, intelligent matching load change	
SYSTEM OVERFLOW PRESSURE	42500kPa(6162.5psi)	
TRAVEL SPEED		
FORWARD	0~10km/h(6.2mph)	
REVERSE	0~10km/h(6.2mph)	
TRACTIVE FORCE	230kN(35000lb)	
STEERING CLUTCH	Hydraulic motor differential steering, in situ steering, steering with load	
STEERING BRAKE	Normally closed brake	
FINAL DRIVE	One stage straight gear + One stage planetary gear	
UNDERCARRIAGE SYSTEM	XL	LGP
TYPE	Pivot, balanced beam suspension, semi-rigid structure	Pivot, balanced beam suspension, semi-rigid structure
TRACK TYPE	Single-grouser,lubrication	Single-grouser,lubrication
TRACK GAUGE	1890mm(74in.)	2200mm(86.6in.)
WIDTH OF TRACK SHOES	560mm/(22in.)610mm(24in.)	810mm(32in.)
GROUND LENGTH	3075mm(121in.)	3075mm(121in.)
GROUND AREA	34440/37515cm ² (5338/5815sq.in.)	49815cm ² (7721sq.in.)
TRACK PITCH OF SHOES PER SIDE	43	43
GROUND PRESSURE	47kPa(6.82psi)	34.3kPa(4.97psi)
CARRIER ROLLERS	2 Pieces/side	2 Pieces/side
TRACK ROLLERS	8 Pieces/side	8 Pieces/side
PITCH	203mm(8in.)	203mm(8in.)
MIN. TURNING RADIUS	3735mm(127in.)	3919mm(154in.)
MAINTENANCE CAPACITY		
FUEL TANK CAPACITY	370L(98gal.)	
COOLANT CAPACITY	29L(7.7gal.)	
ENGINE OIL CAPACITY	16L(4.2gal.)	
HYDRAULIC TANK	130L(34gal.)	
FINAL DRIVE	31L(8.2gal.)/Side	
OPERATING WEIGHT	XL	LGP
TRACTION FRAME	17235kg(37783lb.)	18400kg(40351lb.)
RIPPER	18780KG(41189lb.)	—
WINCH	19310KG(42358lb.)	—

OVERALL DIMENSION	XL	LGP
BLADE TYPE	PAT	PAT
DOZING CAPACITY	3.76cu.m(4.9cu.yd.)	4.4cu.m(5.7cu.yd.)
A OVERALL HEIGHT	3065mm(121in.)	3065mm(121in.)
B TOOTH HEIGHT	65mm(2.5in.)	65mm(2.5in.)
C GROUND CLEARANCE:	370mm(14.6in.)	370mm(14.6in.)
D OVERALL LENGTH	5010mm(197in.)	5010mm(197in.)
E WITHOUT TRACTION FRAME LENGTH	6825mm(269in.)	5665mm(223in.)
F MAXIMUM TILT ADJUSTMENT	1025mm(40in.)	1025mm(40in.)
G MAXIMUM DROP BELOW GROUND	650mm(26in.)	650mm(26in.)
H THE BLADE BURIED ANGLE	55°±3°(deg.)	55°±3°(deg.)
I BLADE WIDTH	3335mm(131in.)	3860mm(152in.)
J BLADE HEIGHT	1195mm(47in.)	1195mm(47in.)
K THE MAXIMUM SWING ANGLE OF BLADE	24°(deg.)	24°(deg.)
L THE MAXIMUM SWING ANGLE OF THE BLADE WIDTH	3047mm(120in.)	3526mm(139in.)
M BLADE TILT HEIGHT	450mm(18in.)	528mm(21in.)
N THE MAXIMUM SWING ANGLE OF THE LEFT KNIFE ANGLE TRACK PROJECTION DISTANCE	18mm(1.1in.)	10mm(0.95in.)
O TRACK WIDTH AT BOTH ENDS	2550mm(96in.)	3110mm(118.5in.)
P THE MAXIMUM SWING ANGLE OF THE RIGHT ANGLE KNIFE TRACK PROJECTION DISTANCE	460mm(20.1in.)	420mm(18.5in.)
RIPPER (OPTIONAL)		
TYPE	Three-shank ripper	
WEIGHT	1493kg(3291lb.)	
Q MAXIMUM WORKING DEPTH	492mm(19in.)	
S SCARIFIER LENGTH (THE SUBSOILING POSITION)	2045mm(80.5in.)	
S' SCARIFIER LENGTH (MAXIMUM LIFT POSITION)	1558mm(61.3in.)	
T RIPPER WIDTH	2082mm(82in.)	
U TILT ANGLE (MAXIMUM LIFT POSITION)	29mm(1.1in.)	
V SCARIFICATION WIDTH	1900mm(75in.)	
W RIPPER HORNS DISTANCE	950mm(37in.)	
WINCH (OPTIONAL)		
TYPE	Hydraulic Winch (H6H)	
WEIGHT	2138kg(4713.5lb)	
OPTIONAL WIRE DIAMETER	22/25mm(0.866/0.984in.)	
MAXIMUM LENGTH OF WIRE	91/70m	
MAXIMUM WIRE FORCE(BARE DRUM)	40733kg(89800lb)	
MAXIMUM WIRE FORCE(FULL DRUM)	23420kg(51632lb)	
WIRE RATED SPEED(BARE DRUM)	18m/min	
Y WINCH LENGTH	1439mm(56.7in.)	