

DIECI



DEDALUS GD

30.7 | 34.7 | 30.9 | 32.9



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PERFORMANCE				
Vehicle model	DEDALUS 30.7 - GD	DEDALUS 34.7 - GD	DEDALUS 30.9 - GD	DEDALUS 32.9 - GD
Maximum capacity	3000 kg (6614 lb)	3400 kg (7496 lb)	3000 kg (6614 lb)	3200 kg (7055 lb)
Maximum lifting height	6,35 m (20,8 ft)	6,35 m (20,8 ft)	8,7 m (28,5 ft)	8,7 m (28,5 ft)
Maximum horizontal extension	3,6 m (11,8 ft)	3,6 m (11,8 ft)	5,6 m (18,4 ft)	5,6 m (18,4 ft)
Fork swiveling angle	146 °	146 °	146 °	146 °
Pull-out force	5800 daN (13039 lbf)	5800 daN (13039 lbf)	5800 daN (13039 lbf)	5800 daN (13039 lbf)
Towing force	5800 daN (13039 lbf)	5800 daN (13039 lbf)	5800 daN (13039 lbf)	5800 daN (13039 lbf)
Maximum climb angle	40 %	40 %	40 %	40 %
Unladen weight	6700 kg (14771 lb)	6950 kg (15322 lb)	6880 kg (15168 lb)	7050 kg (15543 lb)
Max speed (referred to wheels with maximum permitted diameter)	36 km/h (22,4 mph)	36 km/h (22,4 mph)	36 km/h (22,4 mph)	36 km/h (22,4 mph)

BOOM				
Vehicle model	DEDALUS 30.7 - GD	DEDALUS 34.7 - GD	DEDALUS 30.9 - GD	DEDALUS 32.9 - GD
Lifting	8,2 s	8,2 s	8,9 s	8,9 s
Descent	4,2 s	4,2 s	4,6 s	4,6 s
Extension	6,2 s	6,2 s	5,7 s	5,7 s
Retraction	3,5 s	3,5 s	3,2 s	3,2 s
Forward swiveling	3,5 s	3,5 s	3,5 s	3,5 s
Reverse swiveling	2 s	2 s	1,9 s	1,9 s

ENGINE				
Vehicle model	DEDALUS 30.7 - GD	DEDALUS 34.7 - GD	DEDALUS 30.9 - GD	DEDALUS 32.9 - GD
Brand	Kubota	Kubota	Kubota	Kubota
Nominal power	55,4 kW (74 HP)	55,4 kW (74 HP)	55,4 kW (74 HP)	55,4 kW (74 HP)
@rpm	2600 rpm	2600 rpm	2600 rpm	2600 rpm
Operation	4-stroke	4-stroke	4-stroke	4-stroke
Injection	Electronic, Common rail	Electronic, Common rail	Electronic, Common rail	Electronic, Common rail
Number and arrangement of cylinders	4, Vertical in line	4, Vertical in line	4, Vertical in line	4, Vertical in line
Displacement	3331 cm ³ (203 in ³)	3331 cm ³ (203 in ³)	3331 cm ³ (203 in ³)	3331 cm ³ (203 in ³)
Consumption	228 g/kWh (375,06 lb/Hp h)	228 g/kWh (375,06 lb/Hp h)	228 g/kWh (375,06 lb/Hp h)	228 g/kWh (375,06 lb/Hp h)
@rpm	2600 rpm	2600 rpm	2600 rpm	2600 rpm
Emission standard	Stage V/Tier 4f	Stage V/Tier 4f	Stage V/Tier 4f	Stage V/Tier 4f
Exhaust gas treatment	DOC+DPF	DOC+DPF	DOC+DPF	DOC+DPF
Cooling system	Liquid	Liquid	Liquid	Liquid
Intake	Turbocharger after-cooler	Turbocharger after-cooler	Turbocharger after-cooler	Turbocharger after-cooler

DIFFERENTIAL AXLES				
Vehicle model	DEDALUS 30.7 - GD	DEDALUS 34.7 - GD	DEDALUS 30.9 - GD	DEDALUS 32.9 - GD
Type of axles	2 steering, with 4 epicycloidal reduction gears	2 steering, with 4 epicycloidal reduction gears	2 steering, with 4 epicycloidal reduction gears	2 steering, with 4 epicycloidal reduction gears
Type of steering	4 wheels / transversal / 2 wheels	4 wheels / transversal / 2 wheels	4 wheels / transversal / 2 wheels	4 wheels / transversal / 2 wheels
Front axle	Rigid	Rigid	Rigid	Rigid
Rear axle	Swinging	Swinging	Swinging	Swinging
Service braking	Oil bath with servo brake on front and rear axle with double hydraulic system	Oil bath with servo brake on front and rear axle with double hydraulic system	Oil bath with servo brake on front and rear axle with double hydraulic system	Oil bath with servo brake on front and rear axle with double hydraulic system
Parking braking	Negative actuation with electrical control	Negative actuation with electrical control	Negative actuation with electrical control	Negative actuation with electrical control

HYDRAULIC SYSTEM				
Vehicle model	DEDALUS 30.7 - GD	DEDALUS 34.7 - GD	DEDALUS 30.9 - GD	DEDALUS 32.9 - GD
Hydraulic pump type	Gear pump for power steering and movements	Gear pump for power steering and movements	Gear pump for power steering and movements	Gear pump for power steering and movements
Hydraulic pump capacity	100 l/min (26,4 gal/min)	100 l/min (26,4 gal/min)	100 l/min (26,4 gal/min)	100 l/min (26,4 gal/min)
Max. operating pressure	24,5 MPa (3553 psi)	25,7 MPa (3727 psi)	24,5 MPa (3553 psi)	25,7 MPa (3727 psi)
Distributor control	4 in 1 proportional Joystick with FNR	4 in 1 proportional Joystick with FNR	4 in 1 proportional Joystick with FNR	4 in 1 proportional Joystick with FNR

REFUELING				
Vehicle model	DEDALUS 30.7 - GD	DEDALUS 34.7 - GD	DEDALUS 30.9 - GD	DEDALUS 32.9 - GD
Hydraulic system (total)	140 l (36,98 gal)	140 l (36,98 gal)	140 l (36,98 gal)	140 l (36,98 gal)
Fuel tank	100 l (26,42 gal)	100 l (26,42 gal)	100 l (26,42 gal)	100 l (26,42 gal)

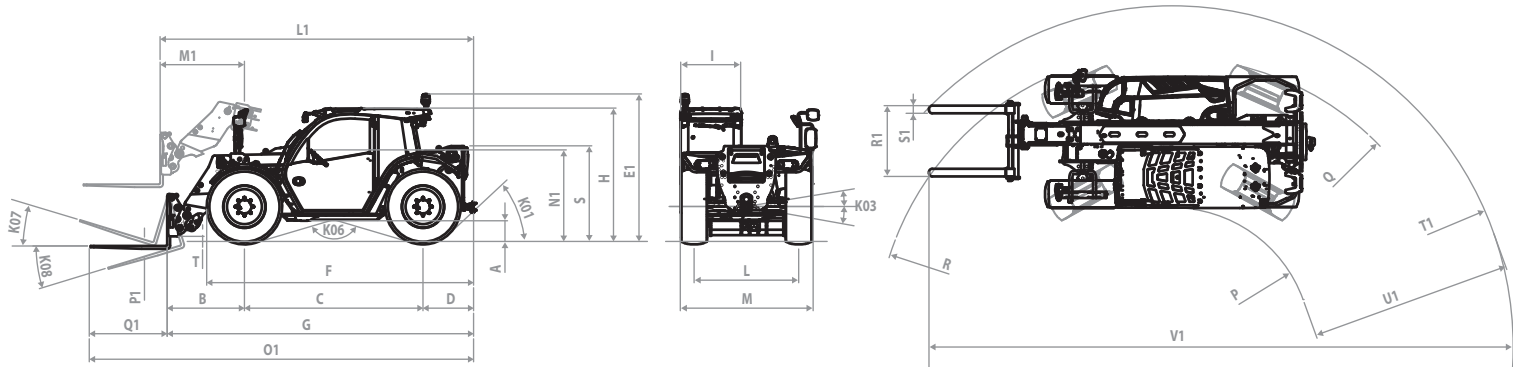
TRANSMISSION				
Vehicle model	DEDALUS 30.7 - GD	DEDALUS 34.7 - GD	DEDALUS 30.9 - GD	DEDALUS 32.9 - GD
Transmission type	Hydrostatic with variable displacement pump	Hydrostatic with variable displacement pump	Hydrostatic with variable displacement pump	Hydrostatic with variable displacement pump
Hydraulic motor	Hydrostatic with continuous automatic adjustment	Hydrostatic with continuous automatic adjustment	Hydrostatic with continuous automatic adjustment	Hydrostatic with continuous automatic adjustment
Reversal	With electronic control operated with vehicle in motion	With electronic control operated with vehicle in motion	With electronic control operated with vehicle in motion	With electronic control operated with vehicle in motion
Inching	With electronic pedal for controlled forward movement	With electronic pedal for controlled forward movement	With electronic pedal for controlled forward movement	With electronic pedal for controlled forward movement
Transmission gearbox	Servo-controlled 2-speed	Servo-controlled 2-speed	Servo-controlled 2-speed	Servo-controlled 2-speed

TIRES

Vehicle model	DEDALUS 30.7 - GD	DEDALUS 34.7 - GD	DEDALUS 30.9 - GD	DEDALUS 32.9 - GD
Standard tires	405/70-20"	405/70-20"	405/70-20"	405/70-20"

DIMENSIONS

Vehicle model	DEDALUS 30.7 - GD	DEDALUS 34.7 - GD	DEDALUS 30.9 - GD	DEDALUS 32.9 - GD
A	270 mm (10,6 in)	270 mm (10,6 in)	270 mm (10,6 in)	270 mm (10,6 in)
B	1200 mm (47,2 in)	1200 mm (47,2 in)	1240 mm (48,8 in)	1240 mm (48,8 in)
C	2830 mm (111,4 in)	2830 mm (111,4 in)	2830 mm (111,4 in)	2830 mm (111,4 in)
D	785 mm (30,9 in)	785 mm (30,9 in)	785 mm (30,9 in)	785 mm (30,9 in)
E1	2350 mm (92,5 in)	2520 mm (99,2 in)	2350 mm (92,5 in)	2520 mm (99,2 in)
F	4207 mm (165,6 in)	4207 mm (165,6 in)	4207 mm (165,6 in)	4207 mm (165,6 in)
G	4815 mm (189,6 in)	4815 mm (189,6 in)	4855 mm (191,1 in)	4855 mm (191,1 in)
H	2040 mm (80,3 in)	2210 mm (87,0 in)	2040 mm (80,3 in)	2210 mm (87,0 in)
I	966 mm (38,0 in)	966 mm (38,0 in)	966 mm (38,0 in)	966 mm (38,0 in)
K01	42 °	42 °	42 °	42 °
K03	15 °	16 °	15 °	16 °
K06	149 °	149 °	149 °	149 °
K07	18 °	18 °	18 °	18 °
K08	129 °	124 °	129 °	124 °
L	1650 mm (65,0 in)	1710 mm (67,3 in)	1650 mm (65,0 in)	1710 mm (67,3 in)
L1	4940 mm (194,5 in)	4940 mm (194,5 in)	4960 mm (195,3 in)	4960 mm (195,3 in)
M	2075 mm (81,7 in)	2120 mm (83,5 in)	2075 mm (81,7 in)	2120 mm (83,5 in)
M1	1324 mm (52,1 in)	1324 mm (52,1 in)	1344 mm (52,9 in)	1344 mm (52,9 in)
N1	1385 mm (54,5 in)	1555 mm (61,2 in)	1385 mm (54,5 in)	1555 mm (61,2 in)
O1	6015 mm (236,8 in)	6015 mm (236,8 in)	6055 mm (238,4 in)	6055 mm (238,4 in)
P	1967 mm (77,4 in)	1345 mm (53,0 in)	1967 mm (77,4 in)	1345 mm (53,0 in)
P1	45 mm (1,8 in)	45 mm (1,8 in)	45 mm (1,8 in)	45 mm (1,8 in)
Q	4482 mm (176,5 in)	3800 mm (149,6 in)	4482 mm (176,5 in)	3800 mm (149,6 in)
Q1	1200 mm (47,2 in)	1200 mm (47,2 in)	1200 mm (47,2 in)	1200 mm (47,2 in)
R	4461 mm (175,6 in)	3940 mm (155,1 in)	4461 mm (175,6 in)	3940 mm (155,1 in)
R1	1100 mm (43,3 in)	1100 mm (43,3 in)	1100 mm (43,3 in)	1100 mm (43,3 in)
S	1445 mm (56,9 in)	1445 mm (56,9 in)	1445 mm (56,9 in)	1445 mm (56,9 in)
S1	120 mm (4,7 in)	120 mm (4,7 in)	120 mm (4,7 in)	120 mm (4,7 in)
T	63 mm (2,5 in)	30 mm (1,2 in)	115 mm (4,5 in)	115 mm (4,5 in)
T1	5200 mm (204,7 in)	4800 mm (189,0 in)	5228 mm (205,8 in)	4825 mm (190,0 in)
U1	3233 mm (127,3 in)	3455 mm (136,0 in)	3267 mm (128,6 in)	3480 mm (137,0 in)
V1	9018 mm (355,0 in)	8615 mm (339,2 in)	9085 mm (357,7 in)	8680 mm (341,7 in)



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