

					TECHNICAL SPECIFICATIONS
1	Capacity	Q	Nominal capacity with spreader	Kg	9000
2	Load centre	C	Distance	mm	1225
3	Motive power		Electric, Diesel, Petrol, Gas		Diesel
4	Driver position		Manual, Standing, Seated		Seated
5	Tyres		V = Solid - L = Pneum	F / R	L / L
6	Wheels (X=driven)		Number	F / R	4 x 2
7	Lift	h3	Height	mm	16600
8	Douplex mast	h2	Free Lift	mm	-
9	Triplex mast	h8	Lift under Twist-Locks	mm	18800
10	Carriage		Type		Integral
11	Spreader		Type		Side-Pillar
			Telescopic 20' - 40'		YES
			Self-levelling (by gravity)		YES
			Sideshift $\pm$ R-L	mm	550 / 550
12	Tilt	$\alpha / \beta$	Forward/Reverse	deg	3 / 6
13	Maximum dimensions	L	Length	mm	6300
14		B/B <sub>1</sub>	Width front	mm	4000 / 2500
15		h1	Closed mast height	mm	10100
16		h4	Open mast height	mm	18300
17		h6	Cabin height	mm	3900
18		h7	Seat height	mm	2750
19		P	Rear overhang	mm	800
20	Turning radius	W1 / Wa	Internal/External	mm	800 / 6000
21	Steering		Hydraulic - Servo assisted		
22	Drive axle		With planetary reducer hub		KESSLER D 81
23	Distance from front axle centre to load	X		mm	1000
24	Speeds		Travel with / without Load	Km/h	26 / 28
25			Lift with / without Load	m/s	0,58 / 0,60
26			Lowering with / without Load	m/s	0,52 / 0,50
27	Max. Drawbar pull		Loaded	daN	15000
28	Max. Gradient		Loaded	%	24
29	Weight		Loaded (spreader included)	Kg	37000
30	Axle loads		Loaded F / R	Kg	37400 / 8600
31			Unloaded F / R	Kg	24000 / 13000
32	Tyres		Number F / R		4 / 2
33			Size Front		12.00-24
34			Size Rear		12.00-24
35			Inflation pressure	bar	10
36			Ground pressure	kg/cm <sup>2</sup>	9
37	Wheel base	y		mm	4500
38	Track	S1-S2	Track F / R	mm	3250 / 2100
39	Ground clearance	m1	With load lowest point	mm	250
40		m2	With load mid track	mm	400
41	Service brakes	Front	Pedal servohydraulic		Wet disc brakes
42	Service brakes	Rear	Pedal servohydraulic		-
43	Parking brakes		Mechanical		Disc
44	Batteries		Voltage / Capacity	V / Ah	24 / 140
45	Engine		Manufacturer / Type		Cummins B 5.9 CTAA / Diesel
46			Power	Kw/CV	136 / 185
47			Number revolutions	rpm	2500
48			Number of Cylinders / Displacement	cm <sup>3</sup>	6 / 5900
49			Fuel consumption (Specific)	g/Kwh	220
50			Fuel consumption (AVE)	l/h	12
51	Alternative engine		Brand		Volvo TAD 620 VE
52	Gearbox		Make		ZF 3WG201
53	Transmission				Hydrodynamic with torque converter
54	Clutch		Type		POWER-SHIFT
55	Gear		Forward / Reverse	N°	3 / 3
56	Hydraulic oil cooling system				optional
57	Hydraulic pressure		Working	bar	200
58	Controls		Sevoassisted (Type)		Joystick
59	Noise level		Outside cabin / Inside cabin	db (A)	82 / 75
60	Stability factor		Static		1,93
61	Fluid capacities		Hydraulic oil	Liters	550
62			Fuel	Liters	400

