



TEREX®

TECHNICAL SCHEDULE CS 7.5 S6

MAX LIFTING CAPACITY							TRANSMISSION		
1st row	T	10	Lbs	22.400	Make - Model		DANA (CLARK) TE 17		
2nd row	T	8	Lbs	17.920	Clutch - Type		Converter		
2nd row	T	5	Lbs	11.200	Gearbox		Power-swift		
40' Lengthwise position	T	4,5	Lbs	10.080	Nr. of speeds		4 F / 4 R		
WEIGHTS							DRIVE AXLE		
		Unladen	Laden		Unladen	Laden	Make		
Total weight	Kg	40.500	50.500	Lbs	89.100	111.100	KESSLER		
Weight on drive axle	Kg	25.000	35.500	Lbs	55.000	78.100	Type		
Weight on steer axle	Kg	15.500	15.000	Lbs	34.100	33.000	D 91 PL 488		
							Rigid - Double reduction differential		
							Epicyclic hub reduction - Removable halfshafts		
SPREADER							STEER AXLE		
Model	SR 10						Make		
Rotation	deg	- 95 ° / + 185 °						TEREX F 200	
Side shifting	mm	- 800 / + 800	inc.	31.5 / + 31.5			Oscillating equalizer - Single cylinder		
Side sloping (Std. mechanical)	deg	± 3 °						Hydropneumatic compensator (OPTIONAL)	
Side sloping (Opt. Hydraulic)	deg	± 6 °						TYRES	
Telescopic type for ISO 20' - 40' containers							Drive axle Nr. 4	14.00 - 24 P.R. 28	
Nr. 2 anti-damping cylinders							Steer axle Nr. 2	14.00 - 24 P.R. 28	
							Inflating pressure	10 bar	
TELESCOPIC BOOM							BRAKE SYSTEM		
Nr. 2 double acting lifting cylinders							Drive axle: wet disc brakes - Hydraulic operated		
Nr. 1 double acting telescopic cylinder							Steer axle: dry disc brakes - hydraulic operated (OPTIONAL)		
Boom angle	0° - 67°						Parking brake: disc - Mechanical		
CABIN							HYDRAULIC SYSTEM		
Fixed closed cabin							Nr. 1 triple gear pump + one double gear pump		
Sound proof	dbA	76 (Inside cabin)					Nr. 3 load sensing proportional distributors		
Safety glass total visibility							Nr. 2 10 Micron filters on return line		
Ergonomic dashboard and control panel							Nr. 2 10 Micron filters on delivery line		
Heating and ventilation (aircon as option)							Max working pressure = 230 bar		
Adjustable seat and steering wheel; secondary seat							Hydraulic oil cooling system		
Multifunction joystick							Brakes oil cooling system		
Wipers on rear, front and top wind screen							MATERIALS		
Load indicator and stability scale indicator							Boom	S355J2G3 / DOMEX 490E	
PERFORMANCES							Chassis	S355J2G3	
		Unladen	Laden		Unladen	Laden	Spreader	S355J2G3	
Drive speed	Km/h	28	25	mph	18	16	TANKS CAPACITY		
Gradeability	%	35	32	%	35	32	Hydraulic oil tank	520 Litres / 137 Gals	
Towbar pull	kg	14.850		Lbs	32.670		Fuel tank	330 Litres / 87 Gals	
Lifting speed	m/s	0,42	0,38	ft/min	82,7	74,8	TRUCK SAFETIES		
Lowering speed	m/s	0,55	0,52	ft/min	108,3	102,4	Electronic Anti-Overload device (static & dinamic)		
ENGINE							Safety valves with speed limiter on cylinders		
Manufacturer	VOLVO						Dead man handle		
Model	TAD750VE						Device inhibiting F / R gearshift with machine in motion		
Nr. of cylinders	6 in line						Parking brake engagement in case of system loss of pressure		
Displacement	7150 cm ³ / 436 inc. ³						SPREADER SAFETIES		
Max power	181 Kw / 246 HP at 2,300 rpm						Locking only after correct landing		
Max torque	1,017 Nm / 750 lb ft at 1,500 rpm						Lifting only after correct locking		
Specific fuel consumption	231 g/Kwh / 0.379 lb/BHP h						Unlocking only after correct landing		
Generator	110 A						Anticollision rotation limit switch		
Batteries	24 V / 150 Ah						Boom lowering stop device when spreader is seated		