

Comparison

SANY

Column1	Column1	Column2	Column3	Column4	Column5	Column6
			SW075	SW085	SW105	SW115
Motor	Engine:					
Zylinder	cylinders		4	4	4	4
Einspritzung	injection		indirect	indirect	commonrail	commonrail; turbocharged
Kühlmittel	cooling		water	water	water	water
Abgasstufe	Emission		Stage IIIA	Stage IIIA	Stage IV	Stage V
Typ	Typ:		YANMAR 4TNV88	YANMAR 4TNV88	YANMAR 4TNV98C	DEUTZ TD 2.9 L4
max. Leistung	max. Performance	kW	36	36	53	58
		hp	50	50	72	79
Leistung gemäß ISO/TR14396	performance ISO/TR 14396	kW	35	35	51,7	55,4
		hp	48	48	70	75
Leistung gemäß EEC/80/1269	performance EEC/80/1269	kW	35	35	51,7	55,4
		kW	48	48	70	75
Hubraum	displacement	cm	2190	2190	3319	2925
Elektrik	Electric					
Batterie	Battery	V	12	12	12	12
Kapazität	Capacity	Ah	80	80	110	110
Lichtmaschine	Generator	Ah	65	65	80	95
Schutzklasse	Standard for Electric	IP	67	67	67	67
Antrieb	Transmission					
Antriebsart	art of transmission	0	hydrostatic transmission	hydrostatic transmission	hydrostatic transmission	hydrostatic transmission
Leistungsregulierung	performance regulation	0	automatically	automatically	automatically	automatically
Gänge/ Stufen	gears/stages	0	2	2	2	2/2
Vorwärts/Rückwärts	forward/reverse	0	1 lever electric switch	1 lever electric switch	1 lever electric switch	1 lever electric switch
Geschwindigkeit kleiner Gang	speed first gear (forward/reverse)	km/h	0 - 7	0 - 7	0 - 7	0 - 4 / 0 - 11
Geschwindigkeit großer Gang	speed first gear (forward/reverse)	km/h	0 - 20	0 - 20 (0-28)	0 - 20 (0-30)	0 - 15 / 0 - 20 (0-40)
Achsen	Axles					
Typ	type		heavy duty	heavy duty	heavy duty	heavy duty
			planetary gears on each wheel	planetary gears on each wheel	planetary gears on each wheel	planetary gears on each wheel
Pendelwinkel	angle of oscilation		20°	20°	25°	25°
			Oscillating axle (rear)	Oscillating axle (rear)	Oscillating axle (rear)	Oscillating axle (rear)
Differenzial	Differential		Self-locking limited slip differential on front axle	4WD; oscilation rearaxle; 100% lock/differential on demand electric switch (frontaxle)	Self-locking limited slip differential on front axle	Self-locking limited slip differential on front axle
Bremsen	Brakes					
Betriebsbremse	service brake		drum-brake hydraulically operating on front axle working on al wheels	drum-brake hydraulically operating on front axle working on all wheels	hydraulic multi-disc oil brake on front axle	hydraulic multi-disc oil brake on front axle
Parkbremse	parking brake		mechanical drumbrake operating on service brake, manually activated	mechanical drumbrake operating on service brake, manually activated	mechanical operating on service brake, manually activated	negative hydraulic brake on front axle, electrically applied
Reifen	Tyres					
Dimensionen	Dimensions		12.0/75-18 12pr	335/80 R18 Dunlop SPT9	16/70 x 20	405/70 R20
Lenkung	Steering					
Art	kind of steering		articulated	articulated	articulated	articulated
max. Lenkwinkel	total steering angle	°	80°	80°	80°	80°
innerer Wendekreis	inner steering angle	mm	2193	2193	2585	2585
äußerer Wendekreis	external tyres turning radius	mm	3790	3790	4515	4515
Wendekreis an Schaufel	external bucket turning radius	mm	4210	4210	4980	4980
Hydrauliksystem	Hydraulic System					
Art d. Pumpe	art of pump		gearpump	gearpump	gearpump	gearpump
Ventile	valve					
			double acting hydraulic cylinders	double acting hydraulic cylinders	double acting hydraulic cylinders	double acting hydraulic cylinders
			hydraulic oil cooler with radiator	hydraulic oil cooler with radiator	hydraulic oil cooler with radiator	hydraulic oil cooler with radiator
			full-flow oil filter on return circuit	full-flow oil filter on return circuit	full-flow oil filter on return circuit	full-flow oil filter on return circuit
max. Ölfluss	max flow	l/min	60	60	70	90
Überdruckventil (Arbeitshydraulik)	loader relief valve	bar	200	200	230	230
Überdruckventil (Lenkung)	steering relief valve	bar	190	190	190	190
Füllmengen	Service Capacities					
Motoröl	Engineoil	l	8	8	11	8
Vorderachse	front axle	l	5,8	5,8	5,8	5,2
Hinterachse	rear axle	l	6,5	6,5	5,8	6,2
Getriebe	gearbox	l	0	0	3,8	1,8
Hydraulikkreislauf	hydraulic circuit	l	57	57	70	70
Bremssystem	brake system	l	1,1	1,1	2	1,1
Kraftstoff	fuel	l	70	70	75	75
Wasserkühlung	water cooling	l	10	10	15	15
Technische Daten	Technical features					
Schaufelkapazität	Standard bucket capacity	m³	0,7	0,75	1	1,1
Schaufelbreite	bucket width	mm	1700	1700	2000	2100
Kipplast - gerade	Streight static tipping load	kg	3000	3300	4600	4950
Kipplast - voll eingelenkt	full turned 40° tipping load	kg	2700	3000	4200	4400
Hubkraft bei max. Höhe	lifting capacity at max. height	kg	2700	3100	3900	4150
Drehpunkt bei voller Höhe	dumping clearance	mm	3100	3100	3260	3360
Schulthöhe	dump height at x°	mm	2450	2450	2550	2685
Reichweite bei max. Schutthöhe	reach at x°	mm	650	650	675	660
Reißkraft	breakout force	kg	4700	5300	5600	6400
Abmaße und Gewicht	Dimensions an weight					
Max. Länge in Transportposition	Max. length in transport position	mm	4800	4800	5270	5295
max. breite in Transportposition	Max. width in transport position	mm	1700	1700	2000	2100
max. Höhe	max height	mm	2460	2460	2760	2760
Spurweite	track width	mm	1320	1320	1530	1530
Gesamtbreite über Reifen	overall tyre width	mm	1640	1640	1873	1937
Radstand	wheel base	mm	1950	1950	2275	2275
Bodenfreiheit	ground clearance	mm	370	370	330	330
Standardbetriebsgewicht	standard operating weight	kg	4150	4350	5400	5800
max. zul. Betriebsgewicht	max. permissible weight	kg	4800	4800	6200	6270
Geräuschpegel	noise level					
Geräusche innerhalb Kabine (ISO 6396 - LpA)	noise level inside cabin ISO 6396 - LpA				74	75
Geräusche außerhalb Kabine (ISO 6395 LwA)	exterior noise level ISO 6395 LwA				98	99

Changes and errors excepted.