



# D(G) 25 – 35 SPECIFICATIONS



TECHNICAL DATA							
Manufacturer		ČZ a.s., Auto - DESTA division					
Model designation		D 25	G 25	D 30	G 30	D 35	G 35
Power unit		Diesel	LPG	Diesel	LPG	Diesel	LPG
Operation		Rider seat					
Load capacity	Q t	2,5		3,0		3,5	
Load centre	c mm	500					
Axle centre to fork face	x mm	470		475		480	
Wheelbase	y mm	1750		1750		1800	
<b>Weights</b>							
Service weight	kg	4400		4820		5200	
Axle load with load	front kg	6100		7070		7800	
	rear kg	800		750		900	
<b>Wheels and Tyres</b>							
Tyres	front / rear (P) = pneumatic	L/L					
Tyre size	front	28 x 9 – 15					
	rear	21 x 8 – 9					
Wheels number	front / rear (x = driven) 0	x2/2 (x4/2)					
Track width	b <sub>10</sub> - front mm	1030					
	b <sub>11</sub> - rear mm	970					
<b>Dimensions</b>							
Mast tilt	α/β forward / backward degree	8,5/ 7					
Height of mast, lowered	h <sub>1</sub> mm	2350					
Free lift	h <sub>2</sub> mm	150					
Lift	h <sub>3</sub> mm	3300					
Height of mast, extended	h <sub>4</sub> mm	4150					
Height to top of overhead guard / cab	h <sub>6</sub> mm	2160					
Height of seat	h <sub>7</sub> mm	1100					
Height of tow coupling	h <sub>10</sub> mm	620					
Overall length	L <sub>1</sub> mm	3840		3845		3885	
Length to fork face	L <sub>2</sub> mm	2640		2645		2685	
Overall width	b <sub>1</sub> mm	1270 (1785 – dual wheels)					
Fork dimensions	t – thickness mm	40		45		50	
	b – width mm	100					
	l – length mm	1200					
Fork carriage width	b <sub>3</sub> mm	1150					
Ground clearance	m <sub>1</sub> – the lowest point mm	110					
	m <sub>2</sub> – centre of wheelbase mm	109					
Aisle width	Ast - 1000x1200 pallet crosswise mm	3990		4045		4070	
	Ast - 800x1200 pallet lengthwise mm	4190		4245		4270	
Turning radius	W <sub>a</sub> mm	2320		2370		2390	
Minimum pivot point distance	b <sub>13</sub> mm	885					
<b>Performance</b>							
Travel speed	with / without load km/h	18/18	14,9/15,4	18/18	14,9/15,4	18/18	14,9/15,4
Lift speed	with / without load m/s	0,50/0,58	0,47/0,54	0,50/0,58	0,47/0,54	0,45/0,58	0,47/0,54
Lower speed	with / without load m/s	0,56/0,49	0,46/0,39	0,56/0,49	0,46/0,39	0,56/0,49	0,46/0,39
Tractive force	with load kN	6,3					
	without load kN	6,3					
Climbing ability	with load %	28		25		23	
	without load %	23		20		20	
Acceleration time (15 m distance)	s	5,3					
Brakes	pedal service brake	Hydraulic					
	hand parking brake	Mechanic					
<b>Drive</b>							
Engine	manufacturer / type	YANMAR / 4TNE 94 (GM / 3,0 L)					
Engine output	to ISO 1585 kW	44,6 (48)					
Rated speed	min <sup>-1</sup>	2450 (2500)					
Number of cylinders / cubic capacity	cm <sup>3</sup>	4 / 2775 (4 / 2966)					
Fuel consumption	(to VDI 2198 cycle) l/h	3,1	2,5	3,2	2,7	3,3	3
<b>Other</b>							
Steering	type	Hydrostatic					
Operating pressure	for optional equipment bar	170		180		205	
Clutch	type	Hydrodynamic torque converter					
Number of speed gears	forward/ backward	1/1					
Transmission	type	Powershift					
Battery	voltage/ capacity V/Ah	12/ 120					
Mean noise level at driver's ear	(to BITA RP 20) dB(A)	81	82	81	82	81	82

The manufacturer retains the right to technical alternations.