

Performance Parameters of Stationary Type Stacking Tractors and Diesel Towering Tractors								
Product Model, Specifications, and Configuration		15-ag67	18-ag67	20-ag67	25-ag67	30-ag67	35-ag67	38-ag67
Power Form		diesel oil	diesel oil	diesel oil	diesel oil	diesel oil	diesel oil	diesel oil
nominal load capacity	Q(kg)	1500	1750	2000	2500	3000	3500	3800
Load Center Distance	c(mm)	500	500	500	500	500	500	500
Front suspension type	x(mm)	405	410	470	47	480	485	485
wheel base	y(mm)	1479	1479	1669	1665	1760	1760	1760
Self-weight (including oil and water)	kg	2550	2750	3440	3765	4270	4555	4755
Bridge load distribution under full load (front/rear)	kg	3590/46	4075/425	4815/625	5530/735	6480/790	7195/860	7595/960
Bridge load distribution (no load): Before/after	kg	1170/1380	1190/1560	1640/1800	1560/2205	1765/2505	1890/2665	1890/2865
Tire Type		Inflatable tire	Inflatable tire	Inflatable tire	Inflatable tire	Inflatable tire	Inflatable tire	Inflatable tire
Tire Size: Front Wheel		6.5-10-10PR	6.5-10-10PR	7.00-12-12PR	7.00-12-12PR	28x9-15-14PR	28X9-15-14PR	28X9-15-14PR
Tire Size: Rear Wheel		5.00-8-10PR	5.00-8-10PR	6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
front gauge	b10(mm)	890	890	965	965	1005	1005	1005
Rear wheelbase	b11(mm)	900	900	971.5	971.5	973.5	973.5	973.5
Frame tilt angle (front/back)	α/β (*)	6/12	6/12	6/12	6/12	6/12	6/12	6/12
Truss static height	h1(m)	1995	1995	1995	1995	2055	2170	2170
Free Height Increase	h2(m)	155	155	140	140	145	150	150
Gantry lifting height	h3(m)	3000	300	3000	3000	3000	3000	3000
Maximum lifting height of the gantry	h4(mm)	3955	3955	4045	4045	4140	4140	4140
Top cover frame height	h6(m)	2110	2110	2120	2120	2150	2150	2150

Total length (to the vertical plane of the fork)		l2(m m)	2290	2325	2550	2635	2780	2815	2815
total width		b1(m m)	1080	1080	1155	1155	1225	1225	1225
Fork Size (Lightness x Width x Thickness)		l/e/s(mm)	910*100 *35	910*100 *35	1070*12 2*40	1070*12 2*40	1070*12 2*45	1070*12 2*50	1070*12 2*50
Fork adjustment range (outer side of the fork)		mm	226-970	226-970	260-102 0	260-102 0	290-110 0	290-110 0	290-110 0
Minimum ground clearance at the boom under full load		m1(m m)	115	115	105	105	130	130	130
Right-angle stacking channel (pallet size: 1000 x 1200 mm wide)		ast(m m)	3600	3635	3840	3910	4080	4105	4105
Right-angle stacking channel (pallet size: 1200 x 800 mm in width)		ast(m m)	3800	3835	4040	4110	4280	4305	4305
minimum turning radius		Wa(mm)	1995	2025	2170	2240	2400	2420	2420
Maximum Speed (Full Load/No Load)		km/h	13.5/14. 5	13.5/14. 5	18/1	18/19	19/20	19/20	19/20
Maximum lifting speed (full load)		m/s	0.5	0.5	0.58	0.58	0.46	0.38	0.38
Descent Rate (Full Load / No Load)		m/s	0.45/0.5	0.45/0.5	0.5/0.55	0.5/0.55	0.5/0.55	0.5/0.55	0.5/0.55
Hoo k tract ion forc e (Ful l Loa d / Em pty	machi nery	N	19900/1 2000	19900/1 2000	17150/1 5000	17150/1 5000	16300/1 5000	16300/1 5000	16300/1 5000
	fluid powe r	N	22000/1 2000	22000/1 2000	21300/1 5000	21300/1 5000	20300/1 5000	20300/1 5000	20300/1 5000

Load									
Hill Slope (Full Load / Empty Load)	machinery	%	20/20	20/20	20/20	20/20	20/20	15/15	15/15
	fluid power	%	20/20	20/20	20/20	20/20	20/20	15/15	15/15
Manufacturer/Model			New Chai 4D29V41	New Chai 4D29V41	New Chai 4D29V41	New Chai 4D29V41	New Chai 4D29V41	New Chai 4D29V41	New Chai 4D29V41
power rating	kw/r/min		34/2500	34/2500	36.8/2500	36.8/2500	36.8/2500	36.8/2500	36.8/2500
rated speed	r/min		2500	2500	2500	2500	2500	2500	2500
Number of cylinders / Displacement			4/2850	4/2850	4/2850	4/2850	4/2850	4/2850	4/2850
Battery (Voltage/Capacity)	v/ah		12/90	12/90	12/90	12/90	12/90	12/90	12/90
Maximum Torque / Speed	n*m/r/min		140/1600-1800	140/1600-1800	165/1600-1800	165/1600-1800	165/1600-1800	165/1600-1800	165/1600-1800
type			Mechanical (hydraulic)	Mechanical (hydraulic)	Mechanical (hydraulic)	Mechanical (hydraulic)	Mechanical (hydraulic)	Mechanical (hydraulic)	Mechanical (hydraulic)
Shift Forward/Back			2/2(1/1)	2/2(1/1)	2/2(1/1)	2/2(1/1)	2/2(1/1)	2/2(1/1)	2/2(1/1)
Shift Method			Mechanical (hydraulic)	Mechanical (hydraulic)	Mechanical (hydraulic)	Mechanical (hydraulic)	Mechanical (hydraulic)	Mechanical (hydraulic)	Mechanical (hydraulic)
The attributes exert pressure.	mpa		14.5	14.5	17.5	17.5	17.5	17.5	17.5
fuel tank capacity	l		50	50	60	60	70	70	70

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