



Technologies specifications

Rigid Tractor Tiger VH

Vehicle type		CA1041	CA1061	CA1081	CA1083	CA3120	CA2080
Drive mode		4×2	4×2	4×2	4×2	4×2	4×4
Cab		Tiger VH single-bank	Tiger VH semi-bank	Tiger VH single-bank	Tiger VH semi-bank	Tiger VH semi-bank	Tiger VH single-bank
Engine	Model	Dachai CA498E3-12	Yuchai YC4D130-33	Weichai WP4.1Q160E50	Cummins ISF3.8s5154	Weichai WP4.1Q140E50	Yuchai YC4D140-48
	Displacement (L)	3.168	4.214	4.088	3.76	4.088	4.214
	Maximum power (hp)	120	130	160	154	140	140
	Rated speed (rpm)	3,200	2,800	2,600	2,600	2,600	2,800
	Maximum torque/speed (Nm/rpm)	320/2100	420/1400-1800	520/1400-1800	491/1200-1900	450/1400-1800	450/1400-1800
	Emission	EURO II	EURO II	EURO V	EURO V	EURO V	EURO IV
Transmission	Model	WLY 6T115	WLY 6T115	FAST 8JS75C	WLY 6G55	WLY 6TS55	WLY 5T46
	Form/number of gears	Manual/6	Manual/6	Manual/8	Manual/6	Manual/6	Manual/5
Front axle load (kg)		2500	2800	3500	3100	3400	3500
Front suspension		Parabolic springs	Multiple leaf spring	Multiple leaf spring	Parabolic spring	Multiple leaf spring	Multiple leaf spring
Rear axle load (kg)		6000	6000	9000	7000	10000	10000
Rear suspension		Multiple leaf spring	Multiple leaf spring	Multiple leaf spring	Multiple leaf spring	Multiple leaf spring	Multiple leaf spring
Rear axle model/speed ratio		1069 welded axle (speed ratio 5.375, wheel base 1740mm)	1068 welded axle (speed ratio 5.375)-JT	1092 casting bridge (speed ratio 4.875, wheel base 1740mm)-JT	340 welded axle (speed ratio 4.875)-JT	1090 casting bridge (speed ratio 6.333)-JT	205 wheel-sided reducing bridge (speed ratio 6.578)
Wheel base (mm)		3860	3560	4200	3900	3650	3300
Vehicle frame (width*panel height*flank height/plate thickness)		865*216*75*6	795*216*75*6	865*220*75*6	865*216*75*6	795*237*65*(7+4)	795*237*65*(7+4)
Tire		7.50R16 14PR	7.50R16 14PR	8.25R20 14PR	235/75R17.5 16PR	8.25R20 16PR	9.00R20 16PR
Brake system		Front and rear independent dual-circuit air brake, drum-type brake, with optional ABS					