





<b>Item</b>		
<b>Model</b>		<b>RS1054F</b>
<b>Picture</b>		
<b>Power (hp)</b>		105
<b>Drive Type</b>		4x4
<b>Rated Traction Force (kN)</b>		20.2
<b>Max. Lifting Force(610mm behind the hitch point)</b>		≥22.0
<b>Power of PTO Shaft(kW)</b>		65.6
<b>PTO shaft Type</b>		Rear, 6 spline, live
<b>PTO Shaft Speed (r/min)</b>		540/1000
<b>Engine</b>	<b>Brand</b>	YTO
	<b>Model</b>	LR6A3-23
	<b>Type</b>	Diesel, direct Injection, 4 stroke, vertical, water-cooling, 6 cylinder
	<b>Rated Power (kW)</b>	77.2
	<b>Rated Speed (rpm)</b>	2300
	<b>Max Torque (Nm)@rpm</b>	306.2@1500-1700
	<b>Bore×Stroke(mm)</b>	105×125
	<b>Rated fuel consumption rate(g/kW.h)</b>	≤242
	<b>Air intake</b>	Natural aspiration
<b>Air filter</b>	Oil bath, outer	
<b>Clutch</b>		LUK, Double action, 12'
<b>Gearbox</b>		16F+8R shuttle, meshing sleeve, side control
<b>Overall Dimensions(L×W×H) (mm)</b>		5050(with front ballast)×2265×2995(to cabin top )
<b>Wheelbase (mm)</b>		2582
<b>Front Wheel Track (mm)</b>		1912-2156 adjustable
<b>Rear Wheel Track (mm)</b>		1816-2178 adjustable
<b>Min. Ground Clearance (mm)</b>		470
<b>Structural Weight (with/without cab) (Kg)</b>		5160/4910
<b>Hydraulic lifter</b>		Separated, position and floating control
<b>Differential Lock</b>		Yes
<b>Hydraulic Steering</b>		Yes
<b>Tire</b>		13.6-24/18.4-34
<b>Speed Range (Km/h)</b>		Forward /Reverse: 1.61-32.41/1.77-20.47
<b>Draw bar</b>		U shape Fixed
<b>Optional</b>	<b>Engine</b>	/
	<b>PTO speed</b>	/
	<b>PTO type</b>	760/1000
	<b>Ballast</b>	8-spline
	<b>Remote valve</b>	Front ballast 40kg*11 pcs
		Rear ballast 60kg*8 pcs max
	Two way	
	Three way	
	Cab with fan	

	<b>Cabin</b>	Cab with heater
		Cab with A/C
	<b>ROPS</b>	/
	<b>Drawbar</b>	Swing drawbar
	<b>Tire</b>	/
	<b>Air brake</b>	Optional
<b>40ft HQ CBU Loading Quantity (units) (with cabin)</b>		3

**4WD, 6 Cylinders**


<b>RS1104F</b>	<b>RS1154F</b>	<b>RS1204F</b>
		
110	115	120
4x4	4x4	4x4
21.3	22.5	23.5
≥22.0	≥22.0	≥22.0
68.9	71.9	75.0
Rear, 6 spline, live	Rear, 6 spline, live	Rear, 6 spline, live
540/1000	540/1000	540/1000
YTO	YTO	YTO
LR6B3-23	LR6B-23	LR6B5-23
Diesel, direct Injection, 4 stroke, vertical, water-cooling, 6 cylinder	Diesel, direct Injection, 4 stroke, vertical, water-cooling, 6 cylinder	Diesel, direct Injection, 4 stroke, vertical, water-cooling, 6 cylinder
62.5	66.2	70
2300	2300	2300
324.4@1500-1700	343.6@1500-1700	363.6@1500-1700
108x125	108x125	108x135
≤242	≤242	≤242
Natural aspiration	Natural aspiration	Natural aspiration
Oil bath, outter	Oil bath, outter	Oil bath, outter
LUK, Double action, 12'	LUK, Double action, 12'	LUK, Double action, 12'
16F+8R shuttle, meshing sleeve, side control	16F+8R shuttle, meshing sleeve, side control	16F+8R shuttle, meshing sleeve, side control
5050(with front ballast)×2265×2995(to cabin top )	5050(with front ballast)×2265×2995(to cabin top )	5050(with front ballast)×2265×2995(to cabin top )
2582	2582	2582
1912-2156 adjustable	1912-2156 adjustable	1912-2156 adjustable
1816-2178 adjustable	1816-2178 adjustable	1816-2178 adjustable
470	470	470
5160/4910	5160/4910	5160/4910
Separated, position and floating control	Separated, position and floating control	Separated, position and floating control
Yes	Yes	Yes
Yes	Yes	Yes
13.6-24/18.4-34	13.6-24/18.4-34	13.6-24/18.4-34
Forward /Reverse: 1.61-32.41/1.77-20.47	Forward /Reverse: 1.61-32.41/1.77-20.47	Forward /Reverse: 1.61-32.41/1.77-20.47
U shape Fixed	U shape Fixed	U shape Fixed
/	QUANCHAI QC6105	QUANCHAI QC6105
/	YUCHAI YC6B (turbo)	YUCHAI YC6B (turbo)
760/1000	760/1000	760/1000
8-spline	8-spline	8-spline
Front ballast 40kg*11 pcs	Front ballast 40kg*11 pcs	Front ballast 40kg*11 pcs
Rear ballast 60kg*8 pcs max	Rear ballast 60kg*8 pcs max	Rear ballast 60kg*8 pcs max
Two way	Two way	Two way
Three way	Three way	Three way
Cab with fan	Cab with fan	Cab with fan

Cab with heater	Cab with heater	Cab with heater
Cab with A/C	Cab with A/C	Cab with A/C
/	/	/
Swing drawbar	Swing drawbar	Swing drawbar
/	/	/
Optional	Optional	Optional
3	3	3

RS1254F	RS1304F	RS1054
		
125	130	105
4x4	4x4	4x4
24.4	25.5	20.5
≥23.0	≥23.0	≥22.0
78.2	81.3	65.6
Rear, 6 spline, live	Rear, 6 spline, live	Rear, 6 spline, live
540/1000	540/1000	540/1000
YTO	YTO	YTO
LR6M5-23	LR6M5-23	LR4V5-23
Diesel, direct Injection, 4 stroke, vertical, water-cooling, 6 cylinder	Diesel, direct Injection, 4 stroke, vertical, water-cooling, 6 cylinder	Diesel, direct Injection, 4 stroke, vertical, water-cooling, 4 cylinder
73.5	81	58.8
2300	2400	2300
383.1@1600-1800	398.4@1600-1800	400@1500-1700
110x135	110x135	115x135
≤242	≤242	≤242
Natural aspiration	Natural aspiration	Natural aspiration
Oil bath, outter	Oil bath, outter	Oil bath, outter
LUK, Double action, 12'	LUK, Double action, 12'	LUK, Double action, 12'
16F+8R shuttle, meshing sleeve, side control	16F+8R shuttle, meshing sleeve, side control	16F+8R shuttle, meshing sleeve, side control
5050(with front ballast)×2265×2995(to cabin top )	5050(with front ballast)×2265×2995(to cabin top )	4830(with front ballast)×2280×2979(to cabin top )
2582	2582	2366
1912-2156 adjustable	1912-2156 adjustable	(1761), 1805, 1871, 1895, 2005 adjustable
1816-2178 adjustable	1816-2178 adjustable	1816-2410 adjustable
470	470	415
5160/4910	5160/4910	3800/3550
Separated, position and floating control	Separated, position and floating control	Separated, position and floating control
Yes	Yes	Yes
Yes	Yes	Yes
13.6-24/18.4-34	13.6-24/18.4-34	13.6-24/18.4-34
Forward /Reverse: 1.61-32.41/1.77-20.47	Forward /Reverse: 1.61-32.41/1.77-20.47	Forward /Reverse: 1.61-32.41/1.77-20.47
U shape Fixed	U shape Fixed	U shape Fixed
QUANCHAI QC6105	QUANCHAI QC6108	QUANCHAI QC4118
YUCHAI YC6B (turbo)	YUCHAI YC6B (turbo)	/
760/1000	760/1000	760/1000
8-spline	8-spline	8-spline
Front ballast 40kg*11 pcs	Front ballast 40kg*11 pcs	Front ballast 40kg*11 pcs
Rear ballast 60kg*8 pcs max	Rear ballast 60kg*8 pcs max	Rear ballast 60kg*8 pcs max
Two way	Two way	Two way
Three way	Three way	Three way
Cab with fan	Cab with fan	Cab with fan


Cab with heater	Cab with heater	Cab with heater
Cab with A/C	Cab with A/C	Cab with A/C
/	/	/
Swing drawbar	Swing drawbar	Swing drawbar
/	/	/
Optional	Optional	Optional
3	3	3

**4WD, 4 Cylinders, Turbo**

<b>RS1104</b>	<b>RS1154</b>	<b>RS1204</b>
		
110	115	120
4x4	4x4	4x4
21.3	22.5	23.5
≥22.0	≥22.0	≥22.0
68.9	71.9	75.0
Rear, 6 spline, live	Rear, 6 spline, live	Rear, 6 spline, live
540/1000	540/1000	540/1000
YTO	YTO	YTO
LR4N5Z-23	LR4N5Z-23	LR4N5Z-23
Diesel, direct Injection, 4 stroke, vertical, water-cooling, 4 cylinder	Diesel, direct Injection, 4 stroke, vertical, water-cooling, 4 cylinder	Diesel, direct Injection, 4 stroke, vertical, water-cooling, 4 cylinder
62.5	66.2	70
2300	2300	2300
420@1500-1700	435@1500-1700	450@1500-1700
112x135	112x135	112x135
≤242	≤242	≤242
Turbo charge	Turbo charge	Turbo charge
Oil bath, outter	Oil bath, outter	Oil bath, outter
LUK, Double action, 12'	LUK, Double action, 12'	LUK, Double action, 12'
16F+8R shuttle, meshing sleeve, side control	16F+8R shuttle, meshing sleeve, side control	16F+8R shuttle, meshing sleeve, side control
4830(with front ballast)×2280×2979(to cabin top )	4830(with front ballast)×2280×2979(to cabin top )	4830(with front ballast)×2280×2979(to cabin top )
2366	2366	2366
(1761), 1805, 1871, 1895, 2005 adjustable	(1761), 1805, 1871, 1895, 2005 adjustable	(1761), 1805, 1871, 1895, 2005 adjustable
1816-2410 adjustable	1816-2410 adjustable	1816-2410 adjustable
415	415	415
3800/3550	3800/3550	3800/3550
Separated, position and floating control	Separated, position and floating control	Separated, position and floating control
Yes	Yes	Yes
Yes	Yes	Yes
13.6-24/18.4-34	13.6-24/18.4-34	13.6-24/18.4-34
Forward /Reverse: 1.61-32.41/1.77-20.47	Forward /Reverse: 1.61-32.41/1.77-20.47	Forward /Reverse: 1.61-32.41/1.77-20.47
U shape Fixed	U shape Fixed	U shape Fixed
QUANCHAI QC4112ZT (turbo)	QUANCHAI QC4112ZT (turbo)	QUANCHAI QC4112ZT (turbo)
/	/	/
760/1000	760/1000	760/1000
8-spline	8-spline	8-spline
Front ballast 40kg*11 pcs	Front ballast 40kg*11 pcs	Front ballast 40kg*11 pcs
Rear ballast 60kg*8 pcs max	Rear ballast 60kg*8 pcs max	Rear ballast 60kg*8 pcs max
Two way	Two way	Two way
Three way	Three way	Three way
Cab with fan	Cab with fan	Cab with fan

Cab with heater	Cab with heater	Cab with heater
Cab with A/C	Cab with A/C	Cab with A/C
/	/	/
Swing drawbar	Swing drawbar	Swing drawbar
/	/	/
Optional	Optional	Optional
3	3	3



RS1254

125
4x4
24.4
≥22.0
78.2
Rear, 6 spline, live
540/1000
YTO
LR4N5Z-23
Diesel, direct Injection, 4 stroke, vertical, water-cooling, 4 cylinder
73.5
2300
470@1500-1700
112x135
≤242
Turbo charge
Oil bath, outter
LUK, Double action, 12'
16F+8R shuttle, meshing sleeve, side control
4830(with front ballast)x2280x2979(to cabin top )
2366
(1761), 1805, 1871, 1895, 2005 adjustable
1816-2410 adjustable
415
3810/3560
Separated, position and floating control
Yes
Yes
13.6-24/18.4-34
Forward /Reverse: 1.61-32.41/1.77-20.47
U shape Fixed
QUANCHAI QC4112ZT (turbo)
/
760/1000
8-spline
Front ballast 40kg*11 pcs
Rear ballast 60kg*8 pcs max
Two way
Three way
Cab with fan

Cab with heater
Cab with A/C
/
Swing drawbar
/
Optional
3