

R22

High technology and innovative upgrades
set the industry benchmark



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Foldable glass + protective net



Two fully open inspection ports



Kubota D1105 engine



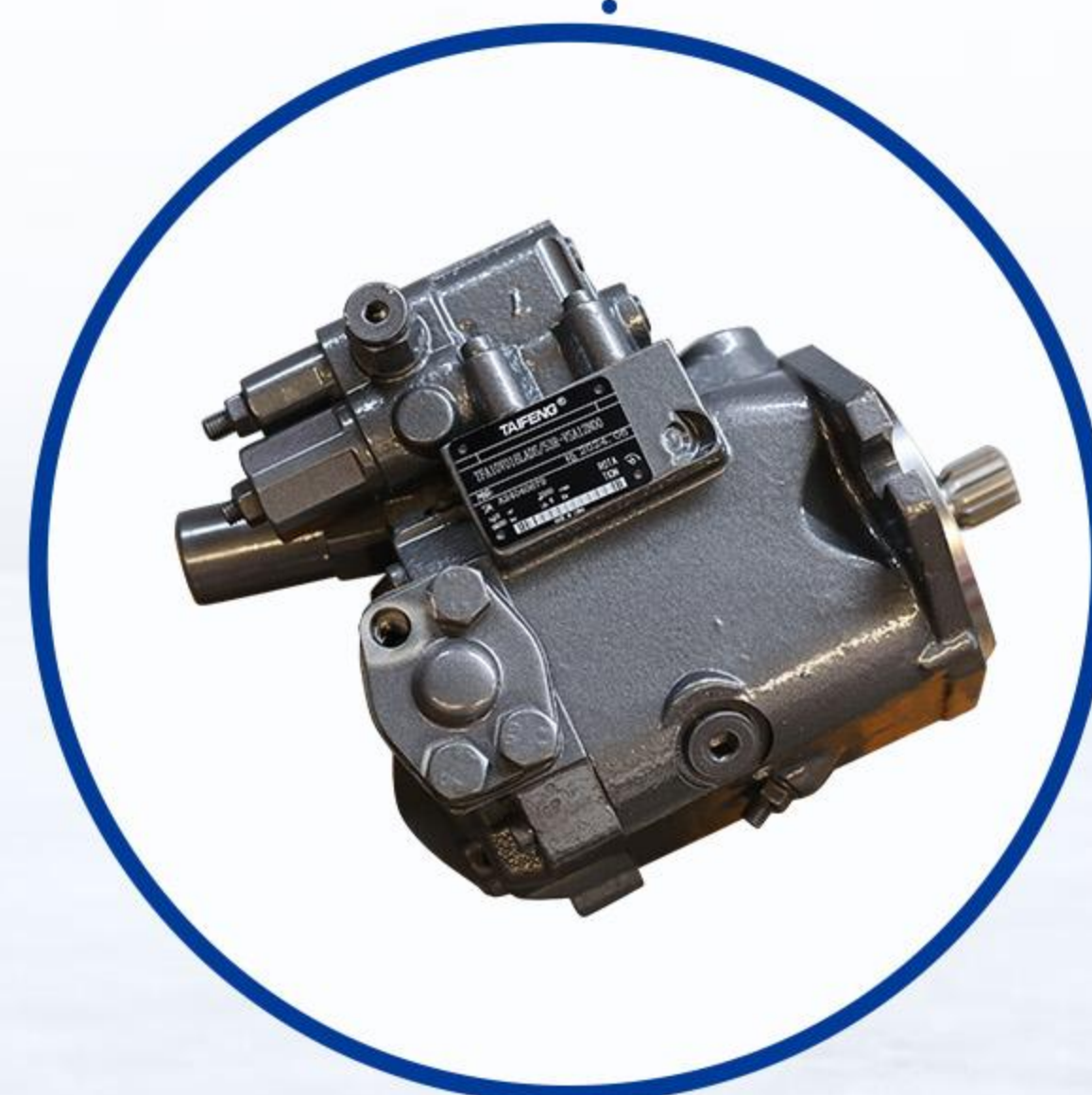
One-piece casting boom bracket + big arm side swing

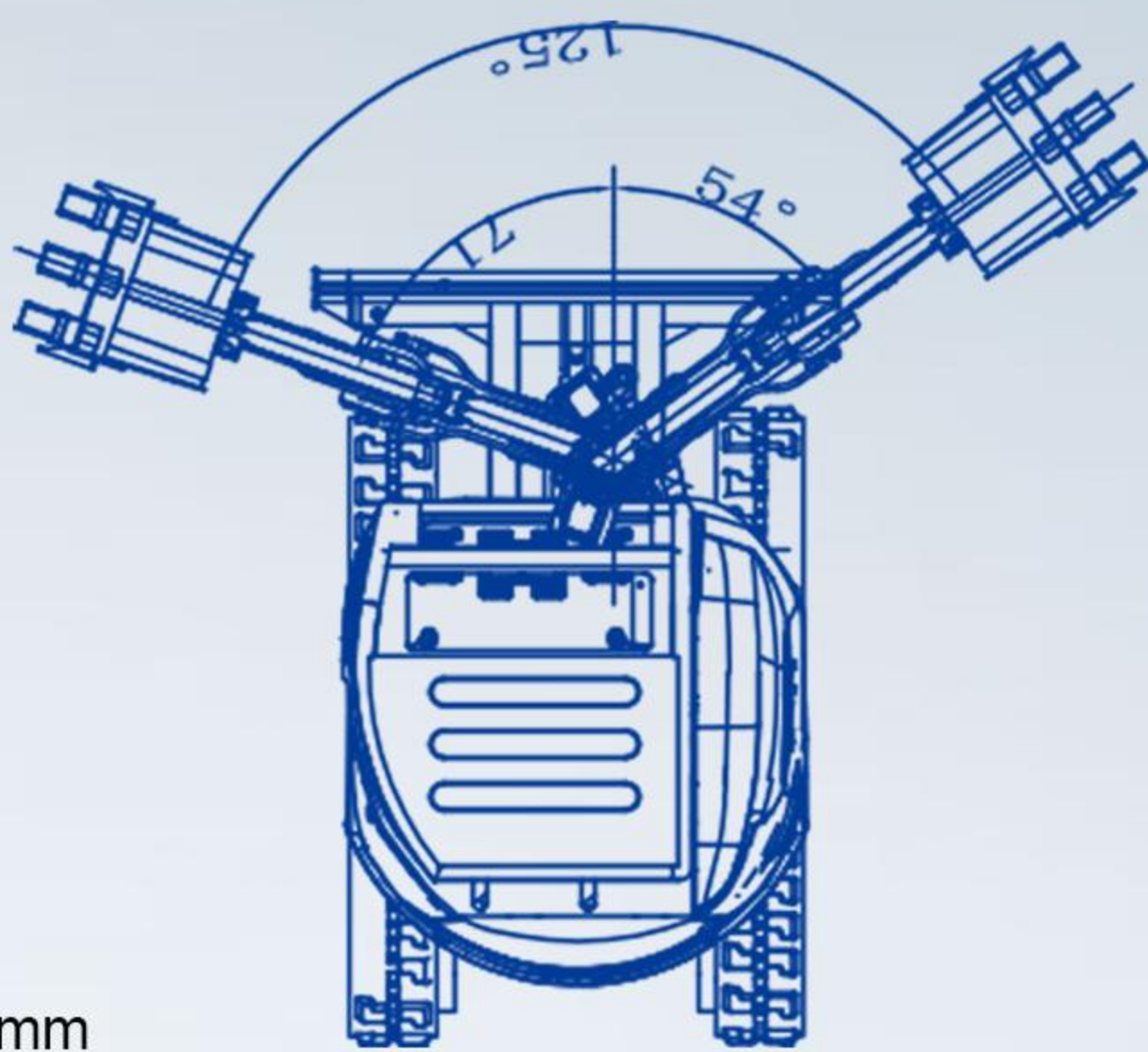
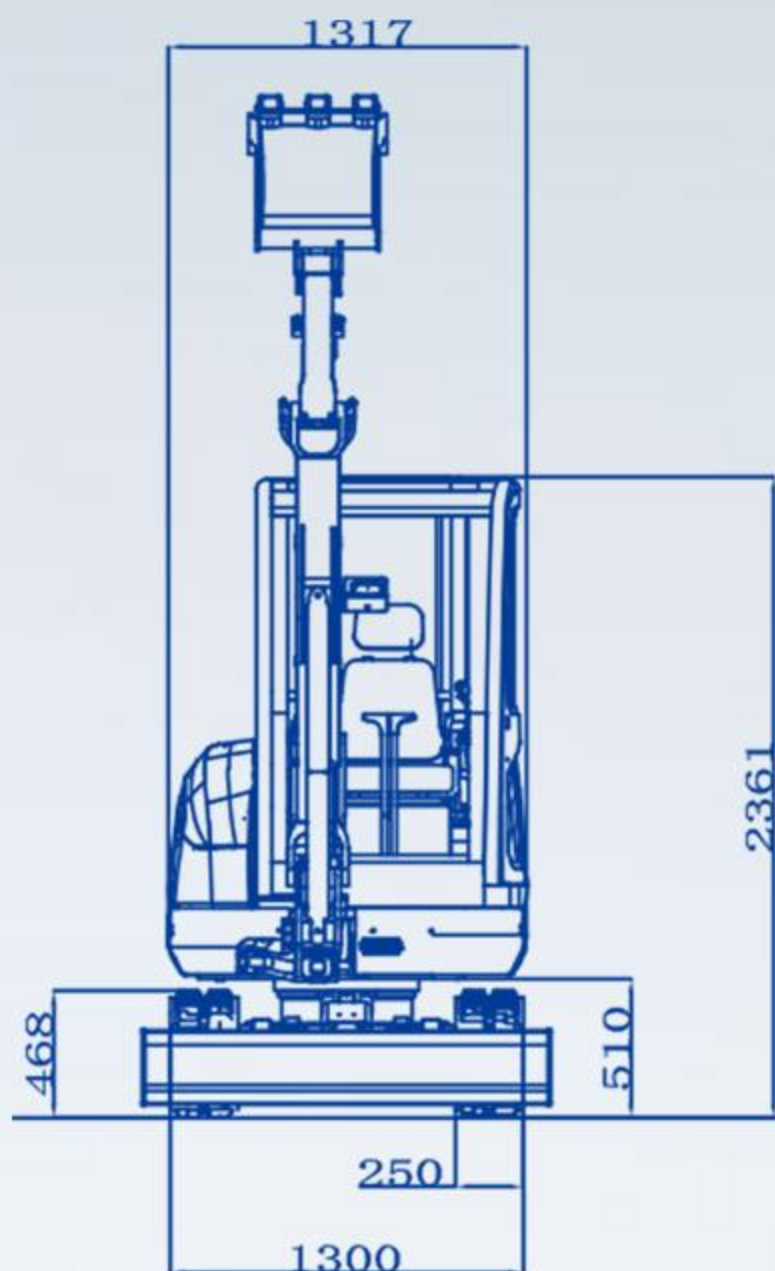
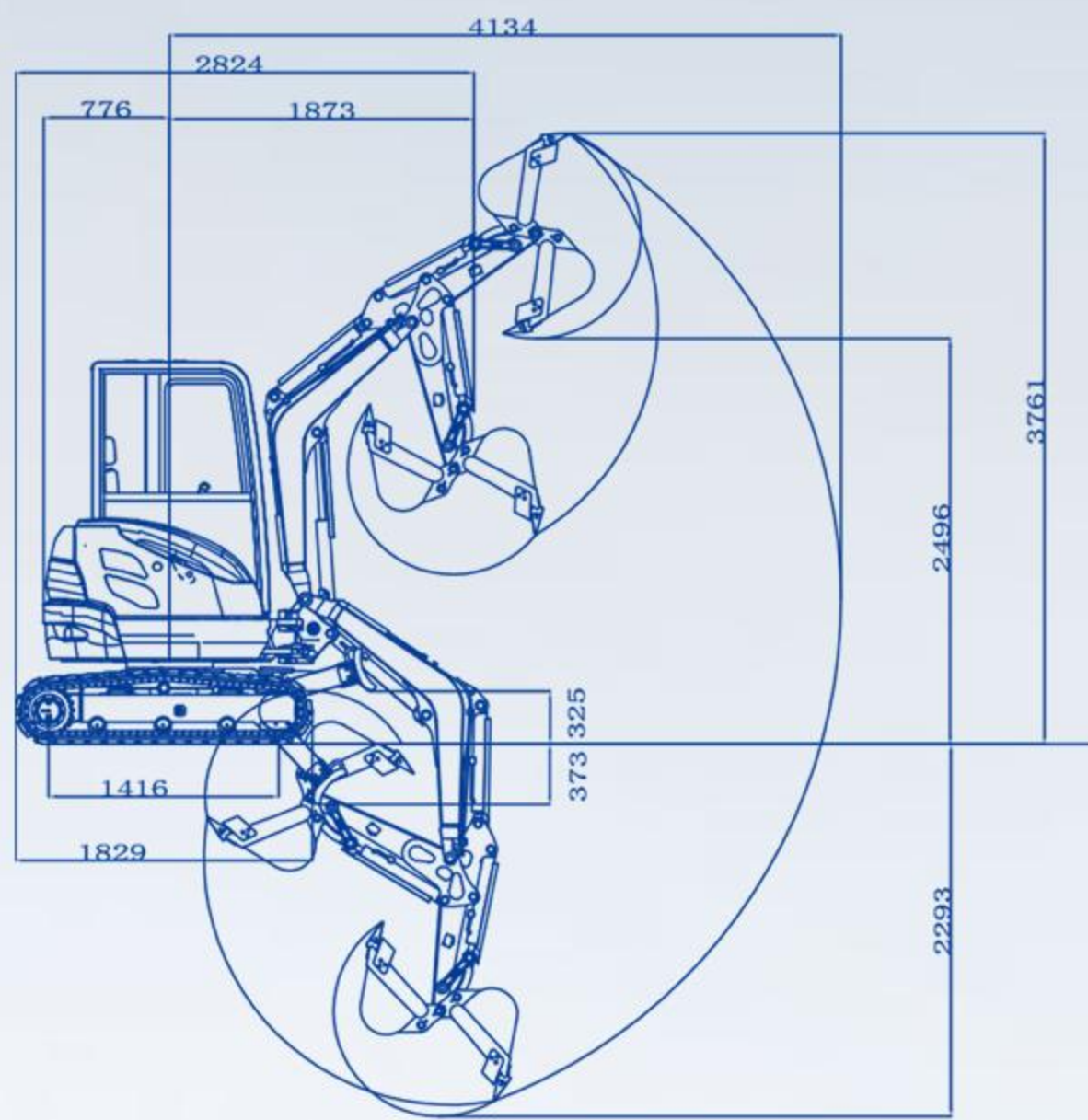


Load Sensing Valves



Load Sensing Variable Displacement Piston Pump





Unit: mm

Basic parameters	Machine working weight	5228lb	2371.5kg
	Bucket capacity	1.9ft³	0.054m³
	Travel speed low/high speed	0-0.93/0-1.74mph	0-1.5/0-2.8km/h
	Gradeability	30%	30%
	Ground pressure	4.8psi	33.4kpa
	Maximum digging force	4136lbf	18.4kn
	Maximum digging radius	163.1in	4143mm
	Maximum digging depth	90.3in	2293mm
	Maximum digging height	148.1in	3761mm
	Maximum unloading height	98.3in	2496m
	Maximum deflection angle	125°	125°
	Track extension range	51.2-59.1in	1300-1500mm
Engine	Engine brand	Kubota	Kubota
	Engine model	D1105	D1105
	Maximum horsepower	24.4hp	24.8ps
	Maximum power	18.2kw	18.2kw
	Maximum speed	3000rpm	3000rpm
	Displacement	0.3gal	1.123L
	Number of cylinders	3	3
	Cooling method	Water-cooled	Water-cooled
	Engine oil change amount	1.06gal	4L
	Fuel form	DIESEL	DIESEL
	Fuel grade	0/-10	0/-10
	Theoretical fuel consumption	1.3-1.5L/h	1.3-1.5L/h

Body	Transport length	111.2in	2824mm
	Transport width	51.2in	1300mm
	Transport height	93in	2361mm
	Counterweight ground clearance	20.1in	510mm
	Bucket width	17.7in	450mm
	Boom length	72in	1830mm
	Arm length	49.2in	1250mm
Hydraulic system	Bulldozer blade width	51.2in	1300mm
	Maximum set pressure	2901psi	20MPa
	Travel hydraulic motor type	LTM03CDK	LTM03CDK
	Travel motor brand	Likechuan	Likechuan
	Motor displacement	11-20ml/r	11-20ml/r
	Slewing hydraulic motor type	Likechuan	Likechuan
	Displacement	15.1ml/r	15.1ml/r
	Main pump type/model	Load sensitive variable piston pump/28	
	Main pump brand	Taifeng	Taifeng
	Main pump maximum flow	17.7GPM	67.2L/min
	Multi-way valve	9-way hydraulic control multi-way valve	
	Multi-way valve brand	Taifeng	Taifeng
	Rated set pressure	2611psi	18MPa

SCENARIO APPLICATION

The RIPPA R22 is a powerful 2.2-ton mini excavator with a retractable undercarriage, perfect for tight urban spaces. Its telescopic boom and tilting cabin make it easy to operate and maintain. Ideal for digging foundations, trenches, and utility lines, as well as landscaping tasks like leveling and pond digging. It’s also great for light land clearing and trenching on farms. Designed for utility workers and contractors working in confined spaces, it handles road repair, demolition, and infrastructure projects efficiently.

Dealer / Name:

WhatsApp / Phone:

Address:

Email: