

# R13

High technology and innovative upgrades  
set the industry benchmark



✉ [contact@rippa.com](mailto:contact@rippa.com)  
🌐 [www.rippa.com](http://www.rippa.com)

**Four pipelines + Globe valve**



**Hydraulic Oil Cooler**



**Bilateral Armrest Boxes with Lift-Up Functionality**



**Integrated Casting of Boom Bracket**

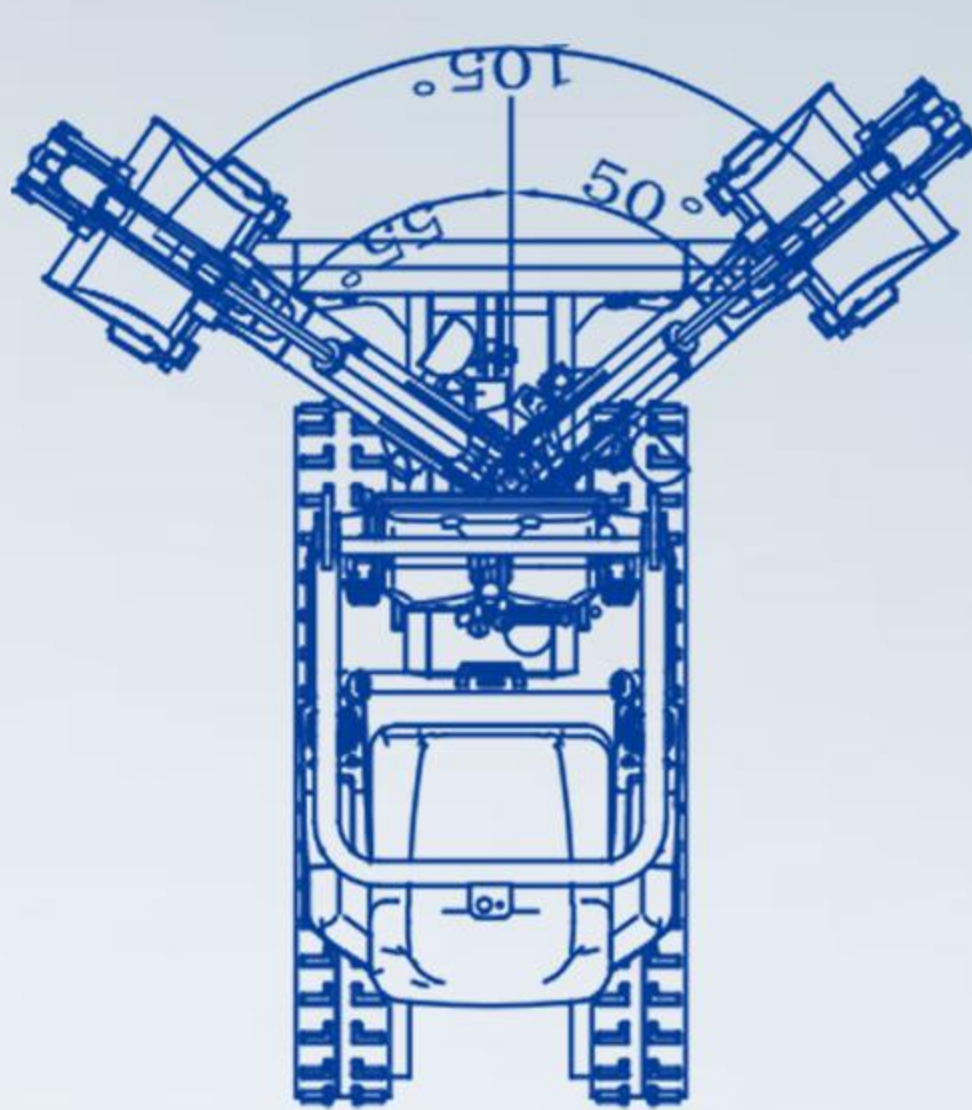
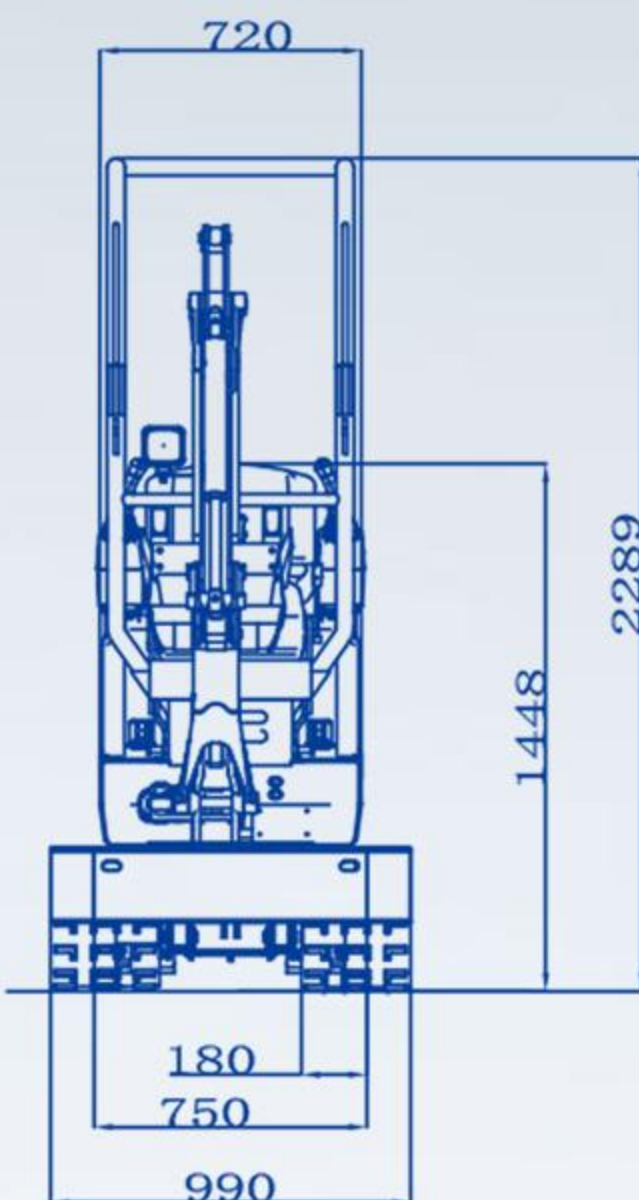
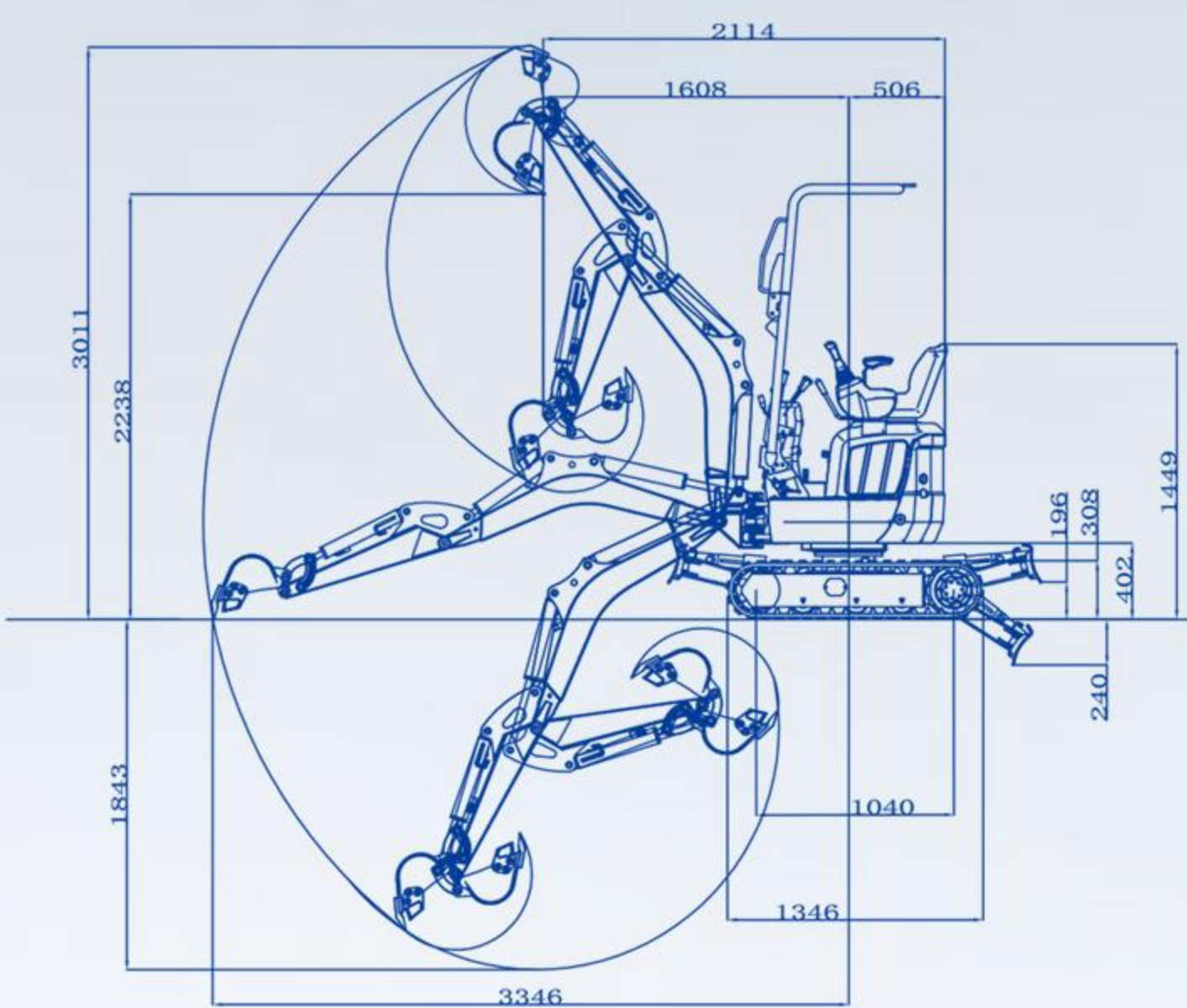


**Steel tracks + rubber blocks for durability and ground protection**



**3 pumps combined configuration**





Unit: mm

|                  |                              |                      |                      |
|------------------|------------------------------|----------------------|----------------------|
| Basic parameters | Machine working weight       | 2866lb               | 1300 kg              |
|                  | Bucket capacity              | 0.494ft <sup>3</sup> | 0.014 m <sup>3</sup> |
|                  | Travel speed low/high speed  | 0-1.1/0-1.74mph      | 0-1.8/0-2.8 km/h     |
|                  | Gradeability                 | 30%                  | 30 %                 |
|                  | Ground pressure              | 3.89psi              | 26.79 kpa            |
|                  | Maximum digging force        | 2203lbf              | 9.8 kN               |
|                  | Maximum digging radius       | 131.7in              | 3346 mm              |
|                  | Maximum digging depth        | 72.6in               | 1843 mm              |
|                  | Maximum digging height       | 118.5in              | 3011 mm              |
|                  | Maximum unloading height     | 88.1in               | 2238 mm              |
|                  | Maximum deflection angle     | 4.1in                | 105 mm               |
|                  | Track extension range        | 29.5-39in            | 750-990 mm           |
| Engine           | Engine brand                 | Kubota               | Kubota               |
|                  | Engine model                 | D722                 | D722                 |
|                  | Maximum horsepower           | 13.7hp               | 13.9ps               |
|                  | Maximum power                | 10.2kw               | 10.2 kw              |
|                  | Maximum speed                | 2500rpm              | 2500 rpm             |
|                  | Displacement                 | 0.19gal              | 0.719L               |
|                  | Number of cylinders          | 3                    | 3                    |
|                  | Cooling method               | Water-cooled         | Water-cooled         |
|                  | Engine oil change amount     | 0.66gal              | 2.5L                 |
|                  | Fuel form                    | Diesel               | Diesel               |
|                  | Fuel grade                   | 0/-10                | 0/-10                |
|                  | Theoretical fuel consumption | 1.1-1.5L/h           | 1.1-1.5L/h           |

|                  |                                |                                 |                 |
|------------------|--------------------------------|---------------------------------|-----------------|
| Body             | Transport length               | 83.2in                          | 2114mm          |
|                  | Transport width                | 29.5in                          | 750mm           |
|                  | Transport height               | 90.1in                          | 2289mm          |
|                  | Counterweight ground clearance | 15.8in                          | 402mm           |
|                  | Bucket width                   | 15.7in                          | 400mm           |
|                  | Boom length                    | 57.1in                          | 1450mm          |
|                  | Arm length                     | 34.6in                          | 880mm           |
|                  | Bulldozer blade width          | 29.5-39in                       | 750-990mm       |
| Hydraulic system | Maximum set pressure           | 2611psi                         | 18MPa           |
|                  | Travel hydraulic motor type    | WDM-390 dual-speed travel motor |                 |
|                  | Travel motor brand             | Paiyi                           | Paiyi           |
|                  | Motor displacement             | 390ml/r                         | 390ml/r         |
|                  | Slewing hydraulic motor type   | BM2-315                         | BM2-315         |
|                  | Displacement                   | 315ml/r                         | 315ml/r         |
|                  | Main pump type/model           | Gear pump/305+305+303           |                 |
|                  | Main pump brand                | Tianjin walking                 | Tianjin walking |
|                  | Main pump maximum flow         | 6.6GPM                          | 25L/min         |
|                  | Multi-way valve                | THD12 multi-way valve           |                 |
|                  | Multi-way valve brand          | Taifeng                         | Taifeng         |
|                  | Rated set pressure             | 2466psi                         | 17MPa           |

SCENARIO APPLICATION

The RIPPA R13 is a 1.3-ton mini excavator with a retractable undercarriage, zero tail swing, and standard steel tracks with rubber pads — ideal for tight-access worksites like indoor areas, gated properties, or paved surfaces. It can fit through elevators or narrow doorways and is perfect for trenching, small-scale demolition, landscaping, and utility work. The protective canopy adds safety for operators.

Dealer / Name:

WhatsApp / Phone:

Address:

Email: