

# SHANTUI

# SE20

## Mini Crawler Excavator



|                     |                            |
|---------------------|----------------------------|
| Emissions Certified | Stage V                    |
| Gross Power         | 11.8 kW (16 hp) @ 2300 rpm |
| Operating Weight    | 2 000 kg                   |
| Bucket Size         | 0.04 m <sup>3</sup>        |
| Max. Digging Depth  | 2420 mm                    |

## VALUE THAT WORKS

# TECHNICAL PARAMETERS SE20

## ENGINE

|                   |                        |
|-------------------|------------------------|
| Model             | Kubota D902            |
| Type              | Water-cooled           |
| No. of cylinders  | 3                      |
| Emission standard | Tier 4 Final / Stage V |
| Displacement      | 1.0 L                  |
| Rated power       | 11.8 kW(16hp)/ 2300rpm |

## HYDRAULIC SYSTEM

|           |                       |
|-----------|-----------------------|
| Type      | Variable plunger pump |
| Max. flow | 64.4 L/min            |

## DIGGING FORCE (ISO6015)

|                      |        |
|----------------------|--------|
| Bucket digging force | 16 kN  |
| Arm digging force    | 9.5 kN |

## BUCKET

|                 |                         |
|-----------------|-------------------------|
| Type            | Standard digging bucket |
| Bucket capacity | 0.04 m <sup>3</sup>     |
| Bucket width    | 450 mm                  |

## TRAVEL SYSTEM

|                              |                                        |
|------------------------------|----------------------------------------|
| Travel motor                 | SHANTUI                                |
| No. of track rollers         | 3x2                                    |
| No. of carrier rollers       | n/a                                    |
| Track type/ track shoe width | Rubber / 230 mm (optional steel track) |
| Travel speed                 | 2.4/4.2 km/h                           |
| Traction force               | 18 kN                                  |
| Gradeability                 | 58°                                    |

## SWING SYSTEM

|             |              |
|-------------|--------------|
| Swing speed | 0 ~ 10 r/min |
| Brake type  | n/a          |

## FLUIDS AND LUBRICANTS (L)

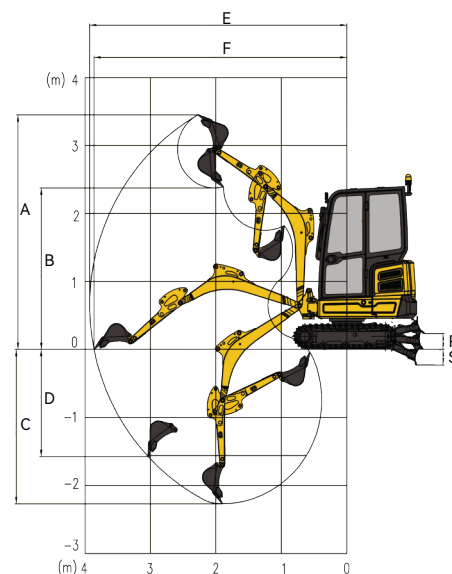
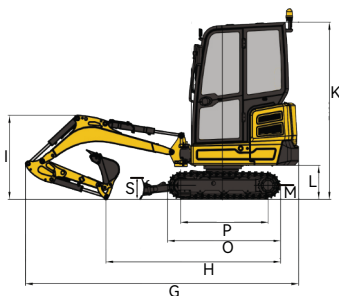
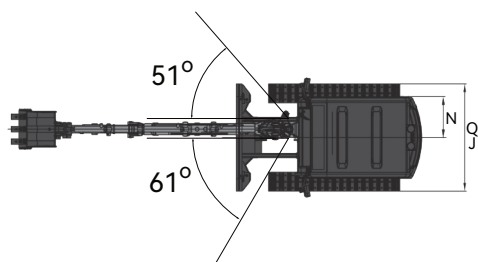
|                                      |       |
|--------------------------------------|-------|
| Fuel tank                            | 23    |
| Cooling system                       | 5     |
| Engine oil                           | 3.7   |
| Hydraulic oil tank / system capacity | 17/25 |

## OPERATING WEIGHT AND GROUND PRESSURE

|                  |         |
|------------------|---------|
| Operating weight | 2000 kg |
| Ground pressure  | 30 kPa  |

## OPERATING RANGE (mm)

| Boom: 1828                                | Arm: 950   | Arm: 1100 |
|-------------------------------------------|------------|-----------|
| A. Max. digging height                    | 3535       | 3610      |
| B. Max. dumping height                    | 2448       | 2525      |
| C. Max. digging depth                     | 2270       | 2420      |
| D. Max. vertical digging depth            | 1910       | 2050      |
| E. Digging distance                       | 3925       | 4050      |
| F. Dig radius (ground level)              | 3860       | 3990      |
| G. Overall length                         | 3845       |           |
| H. Ground contact length (transportation) | 2460       |           |
| I. Overall height (to top of a boom)      | 1105       |           |
| J. Overall width                          | 990 / 1300 |           |
| K. Overall height (to top of roof)        | 2400       |           |
| L. Counter weight ground clearance        | 460        |           |
| M. Ground clearance                       | 145        |           |
| N. Tail swing radius                      | 1070       |           |
| O. Track length                           | 1593       |           |
| P. Track gauge                            | 760/1070   |           |
| Q. Track width                            | 990/1300   |           |
| R. Dozer height                           | 230        |           |
| S. Dozer dig depth                        | 235        |           |



\* THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.  
THE PICTURES MAY INCLUDE OPTIONAL CONFIGURATION; THE ACTUAL COLOR AND APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN



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**SHANTUI**  
VALUE THAT WORKS