

# Engineering built smarter. Solutions built to last.

Tuboshu delivers innovative, sustainable engineering built for Africa. Backed by decades of expertise, we design adaptive, high-performance solutions that solve real operational challenges. Our commitment to quality drives every project, supported by a trusted network for maintenance, technical assistance, and ongoing after-sales service.

## Elevate Your Power



**TUBOSHU**<sup>7</sup>

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Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Tuboshu equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Develon units may show other than standard equipment.



**TUBOSHU**<sup>7</sup>



EXCAVATOR<sup>7</sup>  
**TX 400**

# TECHNICAL SPECIFICATION

## CHARACTERISTICS

|                      |           |
|----------------------|-----------|
| Manufacturer         | TUBOSHU   |
| Model                | TX400     |
| Configuration Number | TUTZ380UK |

## GENERAL INFO

|                          |                        |
|--------------------------|------------------------|
| Operating Weight         | 39200 kg               |
| Rated Power              | 243Kw / 1900rpm        |
| Standard Bucket Capacity | 1.9/2.1 m <sup>3</sup> |
| Rock Bucket Capacity     | 1.9 m <sup>3</sup>     |

## ENGINE

|                   |                 |
|-------------------|-----------------|
| Brand             | Cummins         |
| Model             | L9              |
| Emission Standard | Tier III        |
| Rated Power       | 243Kw / 1900rpm |
| Displacement      | 8.9 L           |

## HYDRAULIC SYSTEM

|                   |               |
|-------------------|---------------|
| Brand             | Hengli        |
| Max. Oil Flow     | 306 x 2 L/min |
| Implement Circuit | 34.3 MPa      |
| Travel Circuit    | 34.3 MPa      |
| Swing Circuit     | 26 MPa        |
| Pilot Circuit     | 3.9 MPa       |

## SERVICE REFILL CAPACITIES

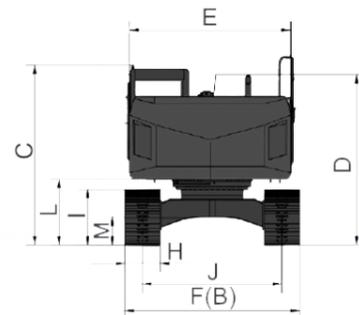
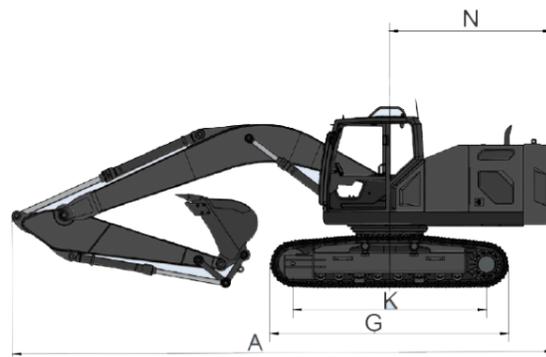
|                    |       |
|--------------------|-------|
| Fuel Tank          | 580 L |
| Hydraulic Oil Tank | 290 L |
| Engine Oil         | 50 L  |

## PERFORMANCE

|                      |                        |
|----------------------|------------------------|
| Bucket Digging Force | 245 kN                 |
| Arm Digging Force    | 245 kN                 |
| Swing Speed          | 8.9 r/min              |
| Max. Travel Speed    | 5.3/3.0 km/h           |
| Max/ Travel Force    | 320 kN                 |
| Gradeability         | 35 degrees             |
| Ground Pressure      | 69 kPa                 |
| Bucket Capacity      | 1.9/2.1 m <sup>3</sup> |

## DIMENSIONS (mm)

|                               |   |       |
|-------------------------------|---|-------|
| Transport Length              | A | 11418 |
| Transport Width               | B | 3190  |
| Height Over Cabin             | C | 3286  |
| Height Over Boom (Transport)  | D | 3820  |
| Upperstructure Carriage Width | E | 3030  |
| Undercarriage Width           | F | 3190  |
| Track Length                  | G | 5090  |
| Track Width                   | H | 600   |
| Track Height                  | I | 1142  |
| Track Gauge                   | J | 2590  |
| Central Distance of Tumblers  | K | 4140  |
| Counterweight Clearance       | L | 1263  |
| Min. Clearance                | M | 544   |
| Tail Swing Radius             | N | 3510  |
| Boom Length                   | O | 6500  |
| Arm Length                    | P | 2800  |



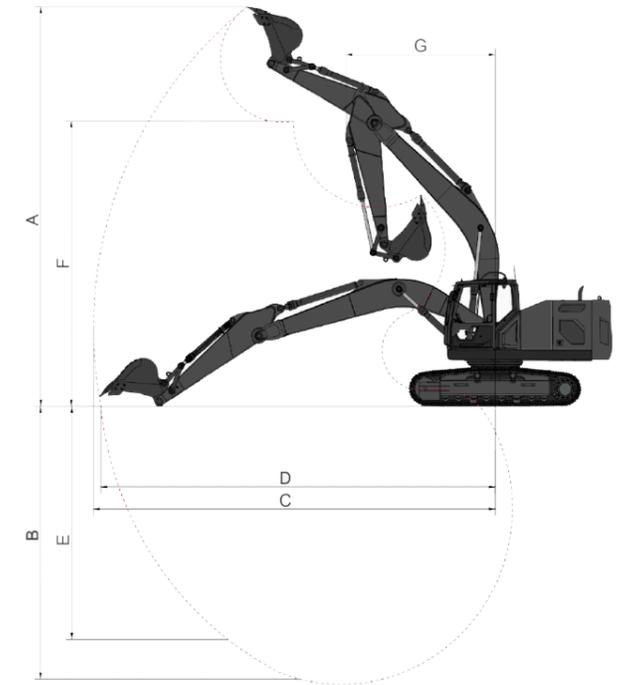
# TECHNICAL SPECIFICATION

## WORKING RANGE (mm)

|                             |   |       |
|-----------------------------|---|-------|
| Max. Digging Height         | A | 10122 |
| Max. Digging Depth          | B | 7112  |
| Max. Digging Radius         | C | 10837 |
| Max. Digging Reach          | D | 10620 |
| Max. Vertical Digging Depth | E | 6861  |
| Max. Dumping Height         | F | 7002  |
| Min. Swing Radius           | G | 4385  |

## OPTIONAL ITEMS

|                      |
|----------------------|
| Breaking Hammer Line |
| Front Guard of Cab   |
| 800 mm Track Width   |



## LIFTING CAPACITY

| Lifting Point Height (m) | Over Front               |       |      |      | Over Side                |      |      |      |
|--------------------------|--------------------------|-------|------|------|--------------------------|------|------|------|
|                          | Lifting Point Radius (m) |       |      |      | Lifting Point Radius (m) |      |      |      |
|                          | 3                        | 4.5   | 6    | 7.5  | 3                        | 4.5  | 6    | 7.5  |
| 7.5                      |                          |       | 5013 |      |                          |      | 5013 |      |
| 6                        |                          |       | 4960 |      |                          |      | 4960 |      |
| 4.5                      |                          |       | 5474 | 5115 |                          |      | 5474 | 5115 |
| 3                        |                          | 8010  | 6274 | 5456 |                          | 8010 | 6274 | 5111 |
| 1.5                      |                          | 9596  | 7084 | 5854 |                          | 9596 | 6720 | 5001 |
| Ground                   | 6473                     | 10421 | 7640 | 5976 | 6473                     | 9658 | 6562 | 4920 |
| -1.5                     | 10991                    | 10455 | 7764 | 5954 | 10991                    | 9590 | 6497 | 4898 |
| -3                       | 13677                    | 9719  | 7242 |      | 13677                    | 9655 | 6535 |      |
| -4.5                     | 10759                    | 7769  |      |      | 10759                    | 7769 |      |      |

