



|                                         |                                     |
|-----------------------------------------|-------------------------------------|
| <b>Engine</b>                           | Yuchai YC4A105Z-T20                 |
| <b>Gross Power</b>                      | 75 kW (101 hp / 102 ps) @ 2,200 rpm |
| <b>Net Power</b>                        | 72 kW (97 hp / 98 ps) @ 2,200 rpm   |
| <b>Maximum Speed</b>                    | 44 km/h                             |
| <b>Standard Loader Bucket Capacity</b>  | 1.0 m <sup>3</sup>                  |
| <b>Standard Backhoe Bucket Capacity</b> | 0.2 m <sup>3</sup>                  |
| <b>Operating Weight</b>                 | 8,600 kg                            |

# 775A BACKHOE LOADER

# 775A SPECIFICATIONS >>>

## ENGINE

|                     |                                     |
|---------------------|-------------------------------------|
| Emission Regulation | Tier 2 / Stage II                   |
| Make                | Yuchai                              |
| Model               | YC4A105Z-T20                        |
| Gross Power         | 75 kW (101 hp / 102 ps) @ 2,200 rpm |
| Net Power           | 72 kW (97 hp / 98 ps) @ 2,200 rpm   |
| Peak Torque         | 400 N · m @ 1,500 rpm               |
| Displacement        | 4.837 L                             |

## ELECTRICAL SYSTEM

|                |           |
|----------------|-----------|
| System Voltage | 12 V      |
| Battery Rating | 95 amp-hr |

## DRIVE TRAIN

|                                      |                 |
|--------------------------------------|-----------------|
| Number of Drive Wheels               | 4WD             |
| 1st Maximum Speed, fwd/rev           | 9.8 / 12.7 km/h |
| 2nd Maximum Speed, fwd/rev           | 17.5 / 36 km/h  |
| 3rd Maximum Speed, fwd               | 28 km/h         |
| 4nd Maximum Speed, fwd               | 44 km/h         |
| Turning Radius Outside of Front Tire | 4,800 mm        |

## BRAKES

|                         |                    |
|-------------------------|--------------------|
| Service Brake Type      | Dry                |
| Service Brake Actuation | Air over hydraulic |

## TIRES

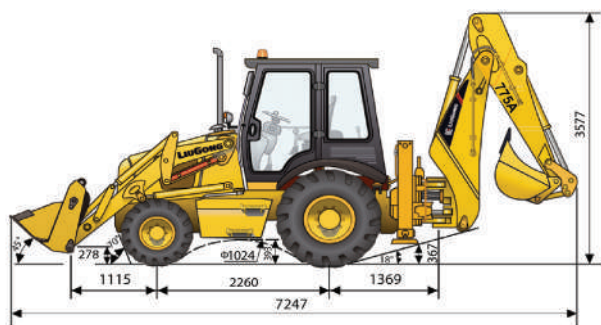
|                 |                   |
|-----------------|-------------------|
| Front Tire Size | 14-17.5NHS-14PR T |
| Rear Tire Size  | 16/70-24          |

## HYDRAULIC SYSTEM

|                      |                  |
|----------------------|------------------|
| Circuit Type         | Open             |
| Total Flow           | 122 L/min        |
| Main Relief Pressure | 21.5 Mpa         |
| Pump Type            | Tandem gear pump |
| Steering Type        | Priority valve   |

## OPERATING WEIGHTS

|                  |          |
|------------------|----------|
| Operating Weight | 8,600 kg |
|------------------|----------|



## LOADER PERFORMANCE

|                                     |                     |
|-------------------------------------|---------------------|
| Standard Bucket Type (referenced)   | General Load Bucket |
| Heaped Capacity ISO (referenced)    | 1.0 m³              |
| Standard Bucket Width (referenced)  | 2,260 mm            |
| Lift Capacity at Full Height        | 27.1 kN             |
| Bucket Breakout Force               | 52 kN               |
| Maximum Dump Angle at Full Height   | 45°                 |
| Dump Height at Maximum Angle        | 2,691 mm            |
| Dump Reach at Full Height Discharge | 713 mm              |
| Boom Lift Capacity, End, at Ground  | 42.4 kN             |
| Maximum Dig Depth                   | 59 mm               |

## BACKHOE PERFORMANCE

|                                      |                |
|--------------------------------------|----------------|
| Standard Bucket Type (referenced)    | General Bucket |
| Heaped Capacity ISO (referenced)     | 0.2 m³         |
| Standard Bucket Width (referenced)   | 610 mm         |
| Maximum Dig Depth                    | 4,440 mm       |
| Reach From Swing Pivot at Ground     | 5,443 mm       |
| Turning Angle of Bucket              | 186°           |
| Bucket Digging Force                 | 52.1 kN        |
| Dipper Digging Force, Standard Stick | 33.6 kN        |
| Loading Height                       | 3,586 mm       |
| Loading Reach from Swing Pivot       | 3,007 mm       |

## SERVICE CAPACITIES

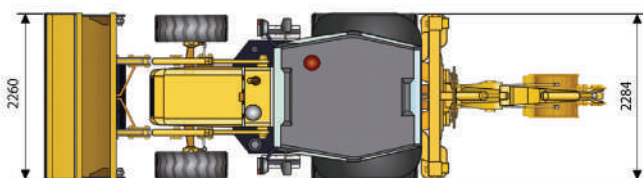
|                                   |             |
|-----------------------------------|-------------|
| Fuel Tank                         | 142 L       |
| Engine Oil                        | 12 L        |
| Cooling System                    | 23 L        |
| Hydraulic Reservoir               | 130 L       |
| Hydraulic System Total            | 170 L       |
| Transmission and Torque Converter | 38 L        |
| Axle, Front                       | 5.5+0.7*2 L |
| Axle, Rear                        | 9+3.5*2 L   |

## STANDARD EQUIPMENT

|                             |
|-----------------------------|
| Yuchai Engine               |
| Shantui Transmission        |
| Enclosed Cab, with AC       |
| Auxiliary Hydraulic Kit     |
| Feicheng Rear Drive Axles   |
| Chuangjie Front Drive Axles |
| Boom Interlock              |
| General Load Bucket 1.0 m³  |
| Backhoe Bucket 0.2 m³       |

## OPTIONAL EQUIPMENT

|                           |
|---------------------------|
| Rotary Beacon             |
| Hydraulic Shear           |
| Vibratory Tamper          |
| Hydraulic Hammer          |
| 4 in 1 Load Bucket 1.0 m³ |



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