



## WZC20 BACKHOE LOADER SPECIFICATIONS

- Equipped with reliable genuine Cummins engine
- 4 forward & 4 reverse synchromesh mechanical shift transmission
- Full—closed ROP/FOPS Cab with more space, increases comfort and visibility
- 4 wheel driving and CARRARO wet-type rear axle with multi-disc brake & CARRARO front axle
- Multi-purpose 4 in. 1 bucket as standard configuration has extended application range including loading、scraper、shover、blade、clamp、paving、lifting. The bucket is controlled through electrical-hydraulic mode.
- Adopted Pilot valve controlling loader and backhoe valve, easy and flexible operation.
- Extendible dipper upgrades productivity by reducing the number of travel movements.
- The mechanical quick coupler attachment is available.

### Overall Dimension 总尺寸

|   |                                       |  |
|---|---------------------------------------|--|
| 1 | Overall length(with bucket on ground) | 5840(mm)( standard bucket)<br>5800(mm)(four in one bucket) |
|---|---------------------------------------|--|

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|   |  |   |
|---|--|---|
| 2   | Overall width ( at stabilizer )                | 2240mm )  |
| 3   | Width (to outside tyre)                        | 2057(mm)  |
| 4   | Width of load Bucket                           | 2313(mm)<br>2100(mm)  |
| 5   | Height of cab                                  | 2720 (mm)   |
| 6   | Max. operating height of digging boom          | 3548 (mm)   |
| 7   | Wheelbase                                      | 2155.5(mm)  |
| 8   | Back wheel Tread                               | 1557(mm)  |
| 9   | Fore wheel Tread                               | 1714(mm)  |
| 10  | Min. ground clearance                          | 355(mm) for 2WD<br>275(mm) for 4WD                            |
| 11  | Traveling speed(Km/h), 4 forward and 4 reverse |   |
|   | (1) I gear forward/reverse                     | 5.8/7.0   |
|   | (2) II gear forward/reverse                    | 10.5/12.6   |
|   | (3) III gear forward/reverse                   | 20.1/24.3   |
|   | (4) IV gear forward/reverse                    | 40.2/48.6   |
| <b>Main Loading Technical Specification</b> |  |   |
| 1   | Rated load<br>Four in one bucket               | 1700(Kg)(standard bucket)<br>1500(Kg)( Four in one bucket)    |
| 2   | Operating weight                               | 7800 Kg ( standard bucket )<br>8200 Kg ( Four in one bucket ) |
| 3   | Lifting capability to full height              | >2500 Kg  |
| 4   | Capacity of load bucket                        | 1.0(m <sup>3</sup> ) ( standard bucket )                      |

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|                             |                                       |   |
|-----------------------------|---------------------------------------|---|
| 4                           | Max. digging radius                   | 5390(mm)                                      |
| 5                           | Max. dumping height                   | 3510(mm)                                      |
| 6                           | Central offset                        | 550mm   |
| 7                           | Swing angle                           | 180 <sup>0</sup>                              |
| 8                           | Max. rollback angle of digging bucket | 201 <sup>0</sup>                              |
| <b>Diesel engine</b>        |                                       |   |
| 1                           | Model                                 | Cummins 4BT4.5-C99                            |
| 2                           | Type                                  | Direct injection. Turbocharged. Water cooling |
| 3                           | Rated output                          | 74 kW / 99HP                                  |
| 4                           | Rated speed                           | 2200rpm                                       |
| 5                           | Total exhaust of cylinder             | 4.5(L)  |
| 6                           | Compression ratio                     | 18.5: 1                                       |
| 7                           | Inter-bore of cylinder/stroke         | 4X102/138(mm)                                 |
| 8                           | Model of Alternator                   | Delco Remy 23SI                               |
| 9                           | Parameter of alternator               | 24V/50A                                       |
| 10                          | Voltage of starting motor             | 12(V)   |
| 11                          | Model of starting motor               | Denso R2.5                                    |
| 12                          | Max. Torque at specified speed        | 414N.M@1500rpm                                |
| 13                          | Starting type                         | Electric                                      |
| 14                          | Min. specific fuel consumption        | 225(g/Kw.h)                                   |
| 15                          | Net weight                            | 338Kg   |
| <b>Transmission System</b>  |                                       |   |
| <b>(一) Torque Converter</b> |                                       |   |
| 1                           | Model                                 | CARRARO                                       |

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| Oil Capacity |                                |             |
|--------------|--------------------------------|-------------|
| 1            | Fuel(diesel)                   | 151(L)      |
| 2            | Engine lubricating oil         | 11(L)       |
| 3            | Oil for converter and gear box | 18.5(L)     |
| 4            | Oil for hydraulic system       | 110(L)      |
| 5            | Oil for driving axles ( F/R )  | 7.6 + 17(L) |