



## 5 TONNE SERIES

RB856  
RB858  
ZL50

CATALOGUE

 **RONDEBULT**  
CONSTRUCTION MACHINES

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TURBO CHARGED ENGINE  
 WITH LOW FUEL CONSUMPTION

**5 TONNE  
 SERIES**

**RB856/RB858/ZL50**

| Specifications             |                | RB856   | RB858    | ZL50                     |                      |
|----------------------------|----------------|---|----------|--------------------------|----------------------|
|                            |                |   |          | C                        | D                    |
| Rated Load                 | kg             | 5 000   |          |                          |                      |
| Bucket Capacity            | m <sup>3</sup> | 3   |          |                          |                      |
| Breakout Force, Std Bucket | KN             | 168   | 168      | 170±3                    | 172.3                |
| Total Circle Time          | S              | 10.5  | 10.5     | 11                       | 11.48                |
| Dump Clearance             | mm             | 3100  |          | 3098                     |                      |
| Operating Weight           | kg             | 17 000  |          | 17 000                   | 16 000               |
| <b>Engine</b>              |                |   |          |                          |                      |
| Model                      |                | Cummins 6CTA8.3-C215 *                                  |          | Weichai WD10G220E11      |                      |
| Rated Power                | KW@rpm         | 164@2200  | 162@2200 | 162@2200                 |                      |
| Rated Torque               | Nm             | 840   |          | 850                      | 860                  |
| <b>Drive Train</b>         |                |   |          |                          |                      |
| Torque Converter           |                | single stage & phase                                    |          | single stage, 4 elements | single stage & phase |
|                            |                | 3 elements  |          | duo turbine              | 3 elements           |
| Transmission               |                | ZF WG200  |          | WD180                    |                      |
| Type                       |                | Auto Shift, countershaft, with electrohydraulic control |          | Planetary Powershift     |                      |
| speed ranges               |                | 4 forward/2 reverse                                     |          | 2 forward/2 reverse      | 4 forward/2 reverse  |
| maximum travel speed       | km/h           | 40  |          |                          |                      |
| <b>Brake System</b>        |                |   |          |                          |                      |
| Service Brakes             |                | ZF Axle with full hydraulic wet brake system            |          | outboard dry brakes      |                      |
| Parking Brake              |                | Air Actuated Caliper Brake                              |          |                          |                      |
| <b>Steering System</b>     |                |   |          |                          |                      |
| Type                       |                | Articulated Frame, Full Hydraulic                       |          |                          |                      |
| Steering Angle             | °              | 35  |          |                          |                      |
| <b>Overall Dimensions</b>  |                |   |          |                          |                      |
| Overall Length             | mm             | 8110  |          | 8050                     | 7934                 |
| Overall Width              | mm             | 2910  |          | 2835                     | 3060                 |
| Height Top of Cab          | mm             | 3420  |          | 3450                     | 3483                 |
| Tires                      |                | 23.5-25 L3*   |          |                          |                      |
| * Optional Equipment:      |                | 23.5-25 L5 (cross ply/radial)                           |          |                          |                      |
|                            |                | Cat C6121   |          |                          |                      |