

SOLID TO SUCCEED.



# XC

# 938U



# XC938U

► **Highlight:**

The XC938U integrates a world famous brand Cummins B6.7 Tier 4 Final engine. Heat, air-suspension seat provides the operator a sustainable and well-rest working environment.

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# TECHNICAL SPECIFICATIONS

| DIMENSIONS & SPECIFICATIONS |                                                     | GENERAL PURPOSE <small>QUICK CHANGE</small> |                      |                   |                      | HIGH LIFT <small>QUICK CHANGE</small> |                      |                   |                      |
|-----------------------------|-----------------------------------------------------|---------------------------------------------|----------------------|-------------------|----------------------|---------------------------------------|----------------------|-------------------|----------------------|
|                             | Bucket capacity                                     | 1.9m <sup>3</sup>                           | 2.49 yd <sup>3</sup> | 2.4m <sup>3</sup> | 3.15 yd <sup>3</sup> | 1.9m <sup>3</sup>                     | 2.49 yd <sup>3</sup> | 2.4m <sup>3</sup> | 3.15 yd <sup>3</sup> |
| A                           | Height to Top of Exhaust Pipe                       | 3,190 mm                                    | 10.46 ft             | 3,190 mm          | 10.46 ft             | 3,190 mm                              | 10.46 ft             | 3,190 mm          | 10.46 ft             |
| B                           | Height to Top of Cabin                              | 3,405 mm                                    | 11.17 ft             | 3,405 mm          | 11.17 ft             | 3,405 mm                              | 11.17 ft             | 3,405 mm          | 11.17 ft             |
| C                           | Height to Top of Warning Beacon                     | 3,640 mm                                    | 11.94 ft             | 3,640 mm          | 11.94 ft             | 3,640 mm                              | 11.94 ft             | 3,640 mm          | 11.94 ft             |
| D                           | Ground clearance                                    | 410 mm                                      | 1.34 ft              | 410 mm            | 1.34 ft              | 410 mm                                | 1.34 ft              | 410 mm            | 1.34 ft              |
| E                           | Wheelbase                                           | 3,000 mm                                    | 9.84 ft              | 3,000 mm          | 9.84 ft              | 3,000 mm                              | 9.84 ft              | 3,000 mm          | 9.84 ft              |
| F                           | Overall Length (without bucket)                     | 6,475 mm                                    | 21.24 ft             | 6,475 mm          | 21.24 ft             | 6,475 mm                              | 22.54 ft             | 6,873 mm          | 22.54 ft             |
| G                           | Shipping length<br>(with bucket level on ground)    | 7,725 mm                                    | 25.34 ft             | 7,832 mm          | 25.69 ft             | 7,725 mm                              | 26.64 ft             | 8,230 mm          | 26.99 ft             |
| H                           | Hinge Pin Height at Carry Position                  | 520 mm                                      | 1.71 ft              | 520 mm            | 1.71 ft              | 520 mm                                | 1.88 ft              | 573 mm            | 1.88 ft              |
| I                           | Hinge Pin Height at Maximum Lift                    | 3,969 mm                                    | 13.02 ft             | 3,969 mm          | 13.02 ft             | 3,969 mm                              | 14.44 ft             | 4,402 mm          | 14.44 ft             |
| J                           | Lift Arm Clearance at Maximum lift                  | 3,356 mm                                    | 11.01 ft             | 3,356 mm          | 11.01 ft             | 3,356 mm                              | 12.10 ft             | 3,688 mm          | 12.10 ft             |
| K                           | Dump Clearance at Maximum lift<br>and 45° Discharge | 2,937 mm                                    | 9.63 ft              | 2,769 mm          | 9.08 ft              | 2,937 mm                              | 11.05 ft             | 3,200 mm          | 10.49 ft             |
| L                           | Reach at Maximum Lift and<br>45° Discharge          | 1,128 mm                                    | 3.70 ft              | 1,282 mm          | 4.2 ft               | 1,128 mm                              | 3.71 ft              | 1,287 mm          | 4.22 ft              |
| M                           | Dump Angle at Maximum Lift<br>and Dump (on stops)   | 45°                                         | 45°                  | 45°               | 45°                  | 45°                                   | 45°                  | 45°               | 45°                  |
| N                           | Roll back                                           | 42°                                         | 42°                  | 42°               | 42°                  | 42°                                   | 43°                  | 43°               | 43°                  |
|                             | Angle                                               | 46°                                         | 46°                  | 46°               | 46°                  | 46°                                   | 50°                  | 50°               | 50°                  |
| O                           | Turning Radius Outside of Tires                     | 5,379 mm                                    | 17.64 ft             | 5,379 mm          | 17.64 ft             | 5,379 mm                              | 17.64 ft             | 5,379 mm          | 17.64 ft             |
| P                           | Turning Radius Inside of Tires                      | 2,887 mm                                    | 9.47 ft              | 2,887 mm          | 9.47 ft              | 2,887 mm                              | 9.47 ft              | 2,887 mm          | 9.47 ft              |
| Q                           | Width over Tires (unloaded)                         | 2,455 mm                                    | 8.05 ft              | 2,455 mm          | 8.05 ft              | 2,455 mm                              | 8.05 ft              | 2,455 mm          | 8.05 ft              |
| R                           | Tread Width                                         | 1,930 mm                                    | 6.33 ft              | 1,930 mm          | 6.33 ft              | 1,930 mm                              | 6.33 ft              | 1,930 mm          | 6.33 ft              |
| S                           | Dig Depth                                           | 60 mm                                       | 0.20 ft              | 60 mm             | 0.20 ft              | 60 mm                                 | 0.48 ft              | 145 mm            | 0.48 ft              |
| T                           | Overall Height                                      | 5,290 mm                                    | 17.35 ft             | 5,498 mm          | 18.03 ft             | 5,290 mm                              | 18.77 ft             | 5,931 mm          | 19.45 ft             |
| U                           | Turning Radius Over bucket                          | 5,700 mm                                    | 18.70 ft             | 5,796 mm          | 19.01 ft             | 5,700 mm                              | 20.3 ft              | 6,285 mm          | 20.51 ft             |
| V                           | Gradeability                                        | 30°                                         |                      | 30°               |                      | 30°                                   | 0.1ft                | 30°               | 0.1ft                |
| W                           | Bucket Width                                        | 2,470 mm                                    | 8.10 ft              | 2,535 mm          | 8.10 ft              | 2,470 mm                              | 8.1 ft               | 2,535 mm          | 8.31 ft              |
| X                           | Articulation Angle                                  | 40°                                         | 40°                  | 40°               | 40°                  | 40°                                   | 40°                  | 40°               | 40°                  |
| Tipping load                | Static tipping load:<br>straight                    | 9,042 kg                                    | 19,934 lb            | 8,687 kg          | 19,151 lb            | 9,042 kg                              | 17,803 lb            | 7,720 kg          | 17,020 lb            |
|                             | 40° full turn                                       | 7,886 kg                                    | 17,385 lb            | 7,531 kg          | 16,603 lb            | 7,886 kg                              | 15,532 lb            | 6,690 kg          | 14,749 lb            |
|                             | Breakout force                                      | 105 kN                                      | 23,605 lbf           | 98 kN             | 22,031 lbf           | 105 kN                                | 22,930 lbf           | 93 kN             | 20,907 lbf           |
|                             | Operating weight                                    | 13,500 kg                                   | 29,763 lb            | 13,775 kg         | 30,369 lb            | 13,500 kg                             | 30,248 lb            | 13,995 kg         | 30,854 lb            |

