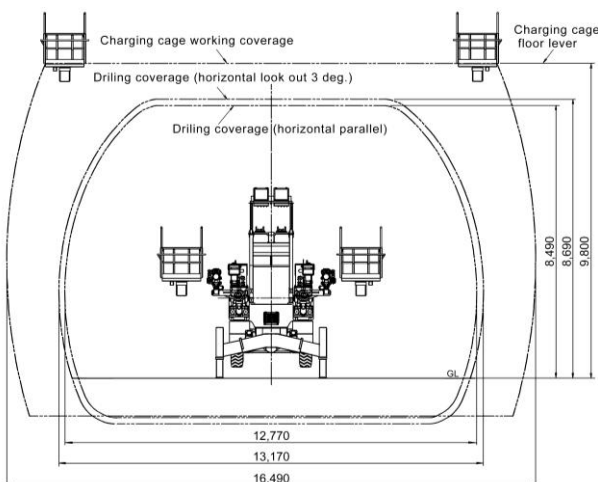


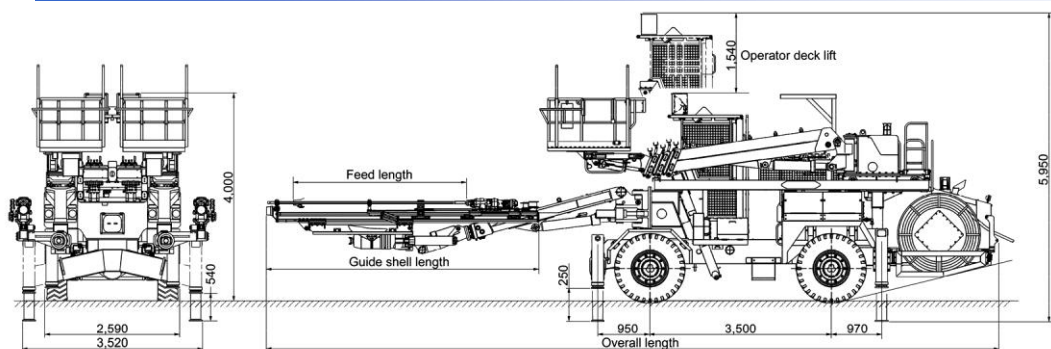
# JTH2200R-III

Hydraulic Wheel Jumbo with HD220 Hydraulic drifter  
2 boom & 2 cage

## ■ Drilling coverage



## ■ Outside dimension



## ■ Specifications

| Model                                              | JTH2200R-Ⅲ            |           |          |          |
|----------------------------------------------------|-----------------------|-----------|----------|----------|
| Dimension & performance                            |                       |           |          |          |
| Weight                                             | 35.5 ton              |           |          |          |
| Hydraulic drifter                                  | HD220 x 2 units       |           |          |          |
| Guide shell                                        | GH833-Ⅲ x 2 units     |           |          |          |
| Boom                                               | JE331-MARK4 x 2 units |           |          |          |
| Charging cage                                      | ZN720 x 2 units       |           |          |          |
| Drilling coverage<br>(width x height)              | 12,770 mm x 8,490 mm  |           |          |          |
| Charging cage working<br>coverage (width x height) | 16,490 mm x 9,800 mm  |           |          |          |
| Guide shell (feed length)                          | for 3.4m              | for 4.2m  | for 4.6m | for 5.2m |
| Overall length                                     | 14,230mm              | 14,7410mm | 14,830mm | 15,040mm |
| Overall width                                      | 2,690 mm              |           |          |          |
| Overall height                                     | 4,000 mm              |           |          |          |
| Traveling speed                                    | 0~11 km/h             |           |          |          |
| Gradeability                                       | 15°                   |           |          |          |
| Min. turning radius<br>(inside / outside)          | 2,600 mm / 7,100 mm   |           |          |          |
| Guide shell GH833                                  |                       |           |          |          |
| Type                                               | GH833-34              | GH833-42  | GH833-46 | GH833-52 |
| Length                                             | 5,305mm               | 6,136mm   | 6,540mm  | 7,149mm  |
| Feed length                                        | 3,400mm               | 4,240mm   | 4,600mm  | 5,240mm  |
| Rod length                                         | 3,705mm               | 4,510mm   | 4,915mm  | 5,530mm  |
| Boom JE331-Ⅳ                                       |                       |           |          |          |
| Boom length (Max / Min)                            | 5,600 mm / 4,000 mm   |           |          |          |
| Boom lift angle                                    | + 60° ~ - 30°         |           |          |          |
| Guide shell tilt angle                             | + 30° ~ - 60°         |           |          |          |
| Guide shell dump angle                             | + 90° ~ - 0°          |           |          |          |
| Boom slide length                                  | 1,600 mm              |           |          |          |
| Guide shell slide length                           | 1,600 mm              |           |          |          |
| Guide shell swing angle                            | Left 45° ~ Right 45°  |           |          |          |
| Boom swing angle                                   | Left 45° ~ Right 45°  |           |          |          |
| Guide shell rotary angle                           | 360°                  |           |          |          |
| Automatic parallel holding                         | Standard              |           |          |          |

| Model                             | JTH2200R-III                                                                            |
|-----------------------------------|-----------------------------------------------------------------------------------------|
| <b>Charging cage ZN720</b>        |                                                                                         |
| Boom length (Max / Min)           | 10,100 mm / 3,800 mm                                                                    |
| Boom lift angle                   | + 36° ~ - 30°                                                                           |
| Boom swing angle                  | Left 35° ~ Right 35°                                                                    |
| Boom slide length                 | 6,300 mm                                                                                |
| Cage tilt angle                   | + 33° ~ - 38°                                                                           |
| Cage swing angle                  | Left 35° ~ Right 35°                                                                    |
| Max. loading capacity             | 250 kg                                                                                  |
| Automatic parallel holding        | Standard                                                                                |
| <b>Engine &amp; Carrier</b>       |                                                                                         |
| Type                              | 4 cycle, 4cylinders, diesel engine                                                      |
| Model                             | QSB4.5 (EU/Stage IIIA, EPA/Tire-3)                                                      |
| Manufacturer                      | Cummins Diesel                                                                          |
| Rated output                      | 119 kW / 2,500 min <sup>-1</sup>                                                        |
| Driving type                      | 4 wheel drive                                                                           |
| Transmission                      | Hydro-Static Transmission (HST)                                                         |
| <b>Brake</b>                      |                                                                                         |
| Working brake                     | Air-over hydraulic 4 wheel disc brake                                                   |
| Parking brake                     | Mechanical brake                                                                        |
| Emergency brake                   | Air pressure drops or engine stops                                                      |
| <b>Steering</b>                   |                                                                                         |
| Type                              | Front / Rear steering, 3 type steering (rear 2 wheels, counter 4 wheels, crab 4 wheels) |
| <b>Outrigger</b>                  |                                                                                         |
| Type                              | Hydraulic cylinder vertical hold                                                        |
| <b>Electric equipment</b>         |                                                                                         |
| Starting method for motor         | Star - delta                                                                            |
| Total required input              | 170 kVA over                                                                            |
| Electric motor for power pack     | 55 kW x 2                                                                               |
| Electric motor for air compressor | 3.7 kW                                                                                  |
| Electric motor for booster pump   | 5.5 kW                                                                                  |
| Voltage                           | AC380/400/440V (50/50/60Hz)                                                             |
| Cable reel type                   | Brush-ring method                                                                       |
| Electric-cable length             | 100 m                                                                                   |
| Outside diameter                  | φ 49 mm                                                                                 |
| Delivery water capacity           | 240 lit/min / 116 m (lifting height)                                                    |

FRD Furukawa reserves right to change specifications without prior notice.

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