



# CRAWLER CRANE

MODEL : PCC800S

## TECHNICAL SPECIFICATIONS

**POWERPLUS**  
POWERPLUS GROUP INC., USA

| SPECIFICATION   |                    | UNIT       | DATA  |                       |
|---|--------------------|------------|---|-----------------------|
| Max. Rated Lifting Capacity                               |                    | ton        | 80 (with 13m main boom)                           |                       |
| Length of standard boom                                   |                    | m          | 13 ~ 58   |                       |
| Length of fly jib   |                    | m          | 9~18  |                       |
| Combination   |                    | m          | 6.5m (B) + 3m x 1 + 6m x 1 + 9m x 4 + 6.5m (T)    |                       |
| Main, Aux & Boom Hoist Winch                              | Max. Line Speed    | m/min      | 116/58  |                       |
|   | Wire rope length   |            | Main $\Phi$ 26mm / 220m<br>Aux $\Phi$ 26mm / 180m |                       |
|   | Brake Type         |            | Wet Type  |                       |
| Boom Angle  |                    | °          | 30~80   |                       |
| Hook Block  |                    | ton        | 50 & 8  |                       |
| Working Speed   | Rope Speed         | Hoist      | m/min   | High 116/58 Low 80/40 |
|   |                    | Lower      | m/min   | High 116/58 Low 80/40 |
|   |                    | Boom rise  | m/min   | 54                    |
|   |                    | Boom lower | m/min   | 54                    |
|   | Slew Speed         |            | r/min   | High 3 Low 1.8        |
|   | Travel Speed       |            | km/h  | 1.3                   |
| Engine  | Model              |            | CUMMINS QSL9 (U.S.A)                              |                       |
|   | Rated Power        |            | HP<br>285   |                       |
|   | Max Torque         |            | rpm<br>2000                                       |                       |
|   | Fuel Tank Capacity |            | L<br>284  |                       |
| Gradeability<br>(with basic boom and the cab in the rear) |                    | %          | 30  |                       |
| Track Shoes   |                    | mm         | 860   |                       |
| Mass Specification  | Machine Weight     |            | ton<br>80 (with basic boom)                       |                       |
|   | Ground Pressure    |            | MPa<br>0.08                                       |                       |
|   | Counter Weight     |            | ton<br>24   |                       |

