



LIUGONG MEDIUM EXCAVATOR

**926F**

ISLAND-READY HEAVY  
EQUIPMENT SOLUTIONS



**MICRONESIA**  
CONTRACTORS SOLUTIONS



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+1 (671) 473-4374



17-3311 CORSAIR RD., TIYAN, GU 96931

# SPECIFICATIONS

## ENGINE

High-pressure common rail, electronically controlled direct injection fuel system with 3 power modes, auto-idle and auto-shutdown features.

|                     |                                      |
|---------------------|--------------------------------------|
| Emissions rating    | EPA Tier 4 Final/EU Stage V          |
| Make                | Cummins                              |
| Model               | B6.7                                 |
| Aspiration          | Variable-Geometry Turbocharger (VGT) |
| Charged air cooling | Aftercooler                          |
| Cooling fan drive   | (6) Electric motors, reversing       |
| Displacement        | 409 in <sup>3</sup> (6.7 L)          |
| Gross power         | 213 hp (157 kW) @ 2,000 rpm          |
| Net power           | 196 hp (145 kW) @ 2,000 rpm          |
| Peak torque         | 625 lbf-ft (847 N-m) @ 1,500 rpm     |
| Cylinders           | 6-cylinder, in-line, water-cooled    |
| Bore x Stroke       | 4.2 in x 4.9 in (107 mm x 124 mm)    |

## HYDRAULIC SYSTEM

|                               |   |
|-------------------------------|---|
| Main pump, type               | Two variable displacement piston pumps                            |
| Main pump, maximum flow       | 2 x 67 gpm (2 x 254 L/min)  |
| Implement pressure            | Normal: 4,975 psi (34.3 MPa)<br>Power boost: 5,410 psi (37.3 MPa) |
| Auxiliary 1, one-way pressure | 2,610 psi (18 MPa)  |
| Auxiliary 1, two-way pressure | 4,350 psi (30 MPa)  |
| Auxiliary 1, maximum flow     | 48 gpm (180 L/min)  |
| Auxiliary 2, two-way pressure | 3,200 psi (22 MPa)  |
| Auxiliary 2, maximum flow     | 13 gpm (50 L/min)   |
| Slew circuit pressure         | 4,205 psi (29 MPa)  |
| Travel circuit pressure       | 4,975 psi (34.3 MPa)  |
| Pilot pump, type              | Gear pump   |
| Pilot circuit, pressure       | 508-566 psi (3.5-3.9 MPa)   |
| Pilot pump, maximum flow      | 5 gpm (19.5 L/min)  |

## OPERATING WEIGHT

|                           |                       |
|---------------------------|-----------------------|
| Operating weight, typical | 58,422 lb (26,500 kg) |
| Operating weight, maximum | 63,933 lb (29,000 kg) |

## SERVICE CAPACITIES

|                        |                   |
|------------------------|-------------------|
| Fuel tank              | 105.7 gal (400 L) |
| Engine oil             | 6.6 gal (25 L)    |
| Final drive, each      | 1.5 gal (5.5 L)   |
| Swing drive            | 0.9 gal (3.4 L)   |
| Cooling system         | 7.9 gal (30 L)    |
| Hydraulic reservoir    | 35 gal (133 L)    |
| Hydraulic system total | 65 gal (245 L)    |
| DEF tank               | 11.6 gal (44 L)   |

## UNDERCARRIAGE

|                           |                 |
|---------------------------|-----------------|
| Track shoe, each side     | 51              |
| Link pitch                | 7.5 in (190 mm) |
| Track shoe width, typical | 24 in (600 mm)  |
| Bottom rollers, each side | 9               |
| Top rollers, each side    | 2               |

## SWING SYSTEM

|  |                            |
|--|----------------------------|
| Planetary gear reduction driven by high torque axial piston motor, with oil disk brake. Swing parking brake resets within five seconds after swing controls return to neutral. |                            |
| Swing speed  | 10.5 rpm                   |
| Swing torque   | 59,600 lbf-ft (80,800 N-m) |

## DRIVE & BRAKES

2-speed axial piston motors with oil disk brakes. Steering controlled by two hand levers with pedals.

|                   |                          |
|-------------------|--------------------------|
| Max. travel speed | High: 3.6 mph (5.8 km/h) |
|                   | Low: 2.1 mph (3.4 km/h)  |
| Gradeability      | 35°/70%                  |
| Max. drawbar pull | 51,500 lbf (229 kN)      |

## ELECTRIC SYSTEM

|                |                            |
|----------------|----------------------------|
| System voltage | 24 V                       |
| Battery        | 2 x 12 V, in series        |
| Alternator     | 24 V-180 A                 |
| Starter motor  | 24 V-10.5 hp (24 V-7.8 kW) |

## SOUND PERFORMANCE

|                                 |           |
|---------------------------------|-----------|
| Interior sound level (ISO 6396) | 69 dB(A)  |
| Exterior sound level (ISO 6395) | 100 dB(A) |

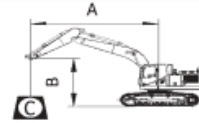


# SPECIFICATIONS

- A: Load radius
- B: Load point height
- C: Lifting capacity
- Cf: Rating over front
- Cs: Rating over side



Conditions:  
 Boom length: 19 ft 8 in (6,000 mm)  
 Arm length: As specified  
 Counterweight: 11,023 lb (5,000 kg)  
 Shoes: As specified  
 Bucket: None



1. \*Indicates the load is limited by hydraulic capacity rather than the tipping capacity.
2. The below loads are in compliance with the ISO 10567 lift capacity rating standard and do not exceed 87% of the hydraulic lifting capacity or 75% of the tipping load.
3. Rating at bucket lift point.

## 926F WITH 24 IN (600 MM) SHOES, 8 FT 2 IN (2,500 MM) ARM

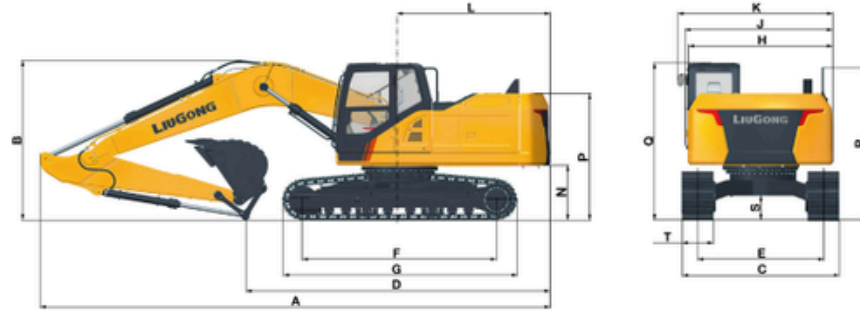
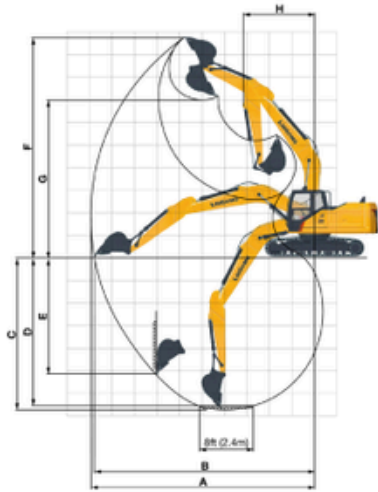
| A Reach: ft (m)     |                    |                    |                    |                    |                   |                   |                   |                   |                 |                   |                |                   |                   |                      |
|---------------------|--------------------|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-----------------|-------------------|----------------|-------------------|-------------------|----------------------|
| B: Height<br>ft (m) | Weight<br>lb<br>kg | 10 ft (3 m)        |                    | 15 ft (4.5 m)      |                   | 20 ft (6 m)       |                   | 25 ft (7.5 m)     |                 | 26 ft (8 m)       |                | MAX REACH         |                   |                      |
|                     |                    | Cf                 | Cs                 | Cf                 | Cs                | Cf                | Cs                | Cf                | Cs              | Cf                | Cs             | Cf                | Cs                | Distance             |
| 25 ft<br>7.5 m      | lb<br>kg           |                    |                    |                    |                   | *13,716<br>*6,221 | *13,716<br>*6,221 |                   |                 |                   |                | *13,839<br>*6,277 | *13,839<br>*6,277 | 20 ft 4 in<br>6.2 m  |
| 20 ft<br>6 m        | lb<br>kg           |                    |                    |                    |                   | *13,689<br>*6,209 | *13,689<br>*6,209 |                   |                 |                   |                | *13,405<br>*6,081 | 10,799<br>4,899   | 23 ft 11 in<br>7.3 m |
| 15 ft<br>4.5 m      | lb<br>kg           |                    |                    | *18,291<br>*8,297  | *18,291<br>*8,297 | *15,041<br>*6,822 | 14,352<br>6,510   | *13,551<br>*6,147 | 10,190<br>4,622 |                   |                | *13,383<br>*6,070 | 9,146<br>4,148    | 26 ft 3 in<br>8 m    |
| 10 ft<br>3 m        | lb<br>kg           |                    |                    | *22,687<br>*10,291 | 20,112<br>9,122   | *16,976<br>*7,700 | 13,517<br>6,131   | *14,351<br>6,510  | 9,837<br>4,462  | *13,822<br>*6,269 | 8,933<br>4,052 | 13,344<br>6,053   | 8,433<br>3,825    | 27 ft 3 in<br>8.3 m  |
| 5 ft<br>1.5 m       | lb<br>kg           |                    |                    | *25,945<br>*11,769 | 18,626<br>8,448   | *18,746<br>*8,503 | 12,758<br>5,787   | 15,193<br>6,891   | 9,463<br>4,292  | 13,832<br>6,274   | 8,657<br>3,927 | 12,881<br>5,843   | 8,080<br>3,665    | 27 ft 7 in<br>8.4 m  |
| Ground<br>Level     | lb<br>kg           |                    |                    | *26,838<br>*12,174 | 18,045<br>8,185   | *19,715<br>*8,943 | 12,282<br>5,571   | 14,903<br>6,760   | 9,202<br>4,174  | 13,626<br>6,181   | 8,469<br>3,842 | 13,175<br>5,976   | 8,208<br>3,723    | 26 ft 11 in<br>8.2 m |
| -5 ft<br>-1.5 m     | lb<br>kg           | *21,259<br>*9,643  | *21,259<br>*9,643  | *25,969<br>*11,779 | 18,000<br>8,165   | *19,544<br>*8,865 | 12,130<br>5,502   | 14,851<br>6,736   | 9,156<br>4,153  |                   |                | 14,349<br>6,509   | 8,880<br>4,028    | 25 ft 3 in<br>7.7 m  |
| -10 ft<br>-3 m      | lb<br>kg           | *31,149<br>*14,129 | *31,149<br>*14,129 | *23,432<br>*10,629 | 18,313<br>8,307   | *17,756<br>*8,054 | 12,314<br>5,586   |                   |                 |                   |                | *14,983<br>*6,796 | 10,568<br>4,794   | 22 ft 4 in<br>6.8 m  |
| -15 ft<br>-4.5 m    | lb<br>kg           |                    |                    | *17,995<br>*8,163  | *17,995<br>*8,163 |                   |                   |                   |                 |                   |                | *14,389<br>*6,527 | *14,389<br>*6,527 | 17 ft 9 in<br>5.4 m  |

## 926F WITH 32 IN (800 MM) SHOES, 9 FT 9 IN (2,980 MM) ARM

|                  |          |                    |                    |                    |                   |                   |                   |                   |                 |                   |                |                   |                   |                      |
|------------------|----------|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-----------------|-------------------|----------------|-------------------|-------------------|----------------------|
| 25 ft<br>7.5 m   | lb<br>kg |                    |                    |                    |                   | *12,377<br>*5,614 | *12,377<br>*5,614 |                   |                 |                   |                | *12,221<br>*5,543 | *12,221<br>*5,543 | 21 ft 4 in<br>6.5 m  |
| 20 ft<br>6 m     | lb<br>kg |                    |                    |                    |                   | *12,701<br>*5,761 | *12,701<br>*5,761 | *12,397<br>*5,623 | 10,942<br>4,963 |                   |                | *11,538<br>*5,234 | 10,692<br>4,850   | 24 ft 11 in<br>7.6 m |
| 15 ft<br>4.5 m   | lb<br>kg |                    |                    | *16,816<br>*7,627  | *16,816<br>*7,627 | *14,172<br>*6,428 | *14,172<br>*6,428 | *12,852<br>*5,829 | 10,735<br>4,869 | *12,618<br>*5,723 | 9,679<br>4,391 | *11,123<br>*5,045 | 9,100<br>4,128    | 27 ft 3 in<br>8.3 m  |
| 10 ft<br>3 m     | lb<br>kg |                    |                    | *21,305<br>*9,664  | *21,305<br>*9,664 | *16,245<br>*7,369 | 14,249<br>6,463   | *13,822<br>*6,270 | 10,338<br>4,689 | *13,308<br>*6,037 | 9,392<br>4,260 | *12,240<br>*5,552 | 8,400<br>3,810    | 28 ft 3 in<br>8.6 m  |
| 5 ft<br>1.5 m    | lb<br>kg |                    |                    | *25,113<br>*11,391 | 19,743<br>8,955   | *18,245<br>*8,276 | 13,426<br>6,090   | *14,853<br>*6,737 | 9,919<br>4,499  | *14,095<br>*6,394 | 9,066<br>4,112 | 12,714<br>5,767   | 8,043<br>3,648    | 28 ft 7 in<br>8.7 m  |
| Ground<br>Level  | lb<br>kg |                    |                    | *26,792<br>*12,153 | 18,901<br>8,573   | *19,537<br>*8,862 | 12,857<br>5,832   | 15,448<br>7,007   | 9,598<br>4,354  | 14,104<br>6,397   | 8,815<br>3,999 | 12,960<br>5,878   | 8,138<br>3,691    | 27 ft 11 in<br>8.5 m |
| -5 ft<br>-1.5 m  | lb<br>kg | *24,634<br>*11,174 | *24,634<br>*11,174 | *26,559<br>*12,047 | 18,680<br>8,473   | *19,763<br>*8,964 | 12,604<br>5,717   | 15,294<br>6,937   | 9,459<br>4,291  |                   |                | 14,013<br>6,356   | 8,833<br>3,961    | 26 ft 3 in<br>8 m    |
| -10 ft<br>-3 m   | lb<br>kg | *34,095<br>*15,465 | *34,095<br>*15,465 | *24,637<br>*11,175 | 18,861<br>8,555   | *18,586<br>*8,430 | 12,667<br>5,746   |                   |                 |                   |                | *14,829<br>*6,727 | 10,077<br>4,571   | 23 ft 7 in<br>7.2 m  |
| -15 ft<br>-4.5 m | lb<br>kg | *27,424<br>*12,439 | *27,424<br>*12,439 | *20,334<br>*9,223  | 19,461<br>8,823   |                   |                   |                   |                 |                   |                | *15,014<br>*6,810 | 13,449<br>6,101   | 19 ft 4 in<br>5.9 m  |



# SPECIFICATIONS



## WORKING RANGES

| Description                |                                      | Short Arm                                 | Long Arm                |
|----------------------------|--------------------------------------|---|-------------------------|
| Boom                       |                                      | 19 ft 8 in (6,000 mm)                     |                         |
| Arm options                |                                      | 8 ft 2 in (2,500 mm)                      | 9 ft 9 in (2,980 mm)    |
| A                          | Max. digging reach                   | 32 ft 3 in (9,825 mm)                     | 33 ft 11 in (10,340 mm) |
| B                          | Max. digging reach at ground level   | 32 ft 3 in (9,825 mm)                     | 33 ft 3 in (10,135 mm)  |
| C                          | Max. digging depth                   | 21 ft 2 in (6,455 mm)                     | 22 ft 9 in (6,925 mm)   |
| D                          | Max. digging depth 8 ft (2.4m) level | 20 ft 7 in (6,265 mm)                     | 22 ft 1 in (6,725 mm)   |
| E                          | Max. vertical wall digging depth     | 15 ft 2 in (4,630 mm)                     | 20 ft 0 in (6,090 mm)   |
| F                          | Max. digging height                  | 33 ft 1 in (10,075 mm)                    | 33 ft 9 in (10,280 mm)  |
| G                          | Max. dumping height                  | 22 ft 8 in (6,920 mm)                     | 23 ft 7 in (7,190 mm)   |
| H                          | Min. swing radius                    | 11 ft 2 in (3,400 mm)                     | 11 ft 3 in (3,430 mm)   |
| Arm digging force (ISO)    | Normal                               | 32,148 lbf (143 kN)                       | 27,876 lbf (124 kN)     |
|                            | Power Boost                          | 34,845 lbf (155 kN)                       | 30,124 lbf (134 kN)     |
| Bucket digging force (ISO) | Normal                               | 37,093 lbf (165 kN)                       |                         |
|                            | Power Boost                          | 40,241 lbf (179 kN)                       |                         |
| Bucket capacity*           |                                      | 1.7 yd <sup>3</sup> (1.3 m <sup>3</sup> ) |                         |
| Bucket tip radius*         |                                      | 5 ft 2 in (1,585 mm)                      |                         |
| Bucket width*              |                                      | 56 in (1,410 mm)                          |                         |

\* Factory standard

## DIMENSIONS

| Description | Short Arm  | Long Arm               |
|-------------|--|------------------------|
| Boom        | 19 ft 8 in (6,000 mm)  |                        |
| Arm options | 8 ft 2 in (2,500 mm)   | 9 ft 9 in (2,980 mm)   |
| A           | Shipping length  |                        |
|             | 33 ft 6 in (10,210 mm)   |                        |
| B           | Shipping height top of boom                                    |                        |
|             | 10 ft 4 in (3,150 mm)  | 9 ft 10 in (3,000 mm)  |
| C           | Undercarriage width, 32 in (800 mm) shoes                      |                        |
|             | 11 ft 1 in (3,390 mm)  |                        |
| D           | Shipping length on ground                                      |                        |
|             | 24 ft 3 in (7,387 mm)  | 22 ft 10 in (6,972 mm) |
| E           | Track gauge  |                        |
|             | 8 ft 6 in (2,590 mm)   |                        |
| F           | Length to center of rollers                                    |                        |
|             | 12 ft 7 in (3,840 mm)  |                        |
| G           | Track length   |                        |
|             | 15 ft 2 in (4,635 mm)  |                        |
| H           | Overall width of upper structure                               |                        |
|             | 9 ft 3 in (2,815 mm)   |                        |
| J           | Overall width of upper structure including cab handrail        |                        |
|             | 9 ft 6 in (2,890 mm)   |                        |
| K           | Overall width of upper structure including cab rearview mirror |                        |
|             | 10 ft 3 in (3,115 mm)  |                        |
| L           | Tail swing radius  |                        |
|             | 9 ft 9 in (2,975 mm)   |                        |
| N           | Counterweight ground clearance                                 |                        |
|             | 3 ft 7 in (1,090 mm)   |                        |
| P           | Overall height of counterweight                                |                        |
|             | 8 ft 10 in (2,695 mm)  |                        |
| Q           | Overall height of cab  |                        |
|             | 9 ft 11 in (3,020 mm)  |                        |
| R           | Overall height of platform handrail                            |                        |
|             | 10 ft 4 in (3,150 mm)  |                        |
| S           | Minimum ground clearance                                       |                        |
|             | 18 in (450 mm)   |                        |
|             | 24 in (600 mm)   |                        |
|             | 28 in (700 mm)   |                        |
| T           | Track shoe width   |                        |
|             | 32 in (800 mm)   |                        |
|             | 35 in (900 mm)   |                        |

