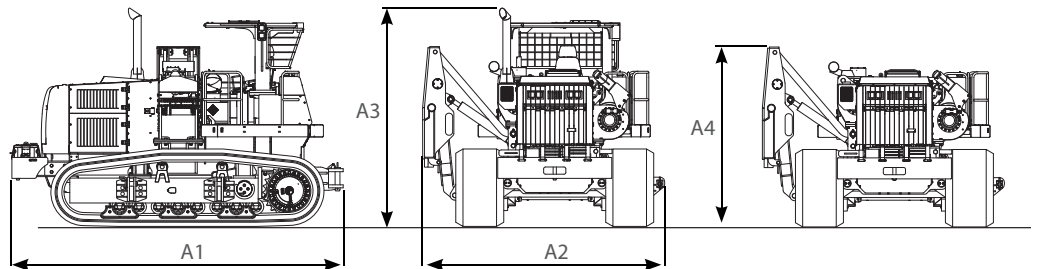


### TRANSPORT DIMENSIONS AND WEIGHT

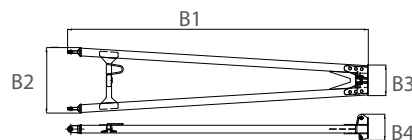
#### Basic Machine:

A1: 5525 mm / 217 in  
 A2: 4034 mm / 159 in  
 With ROPS/FOPS  
 A3: 3641 mm / 143 in  
 Weight: 34270 kg / 75552 lb  
 Without ROPS/FOPS  
 A4: 3000 mm / 118 in  
 Weight: 33720kg / 74340 lb



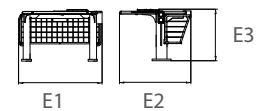
#### Boom:

B1: 7765 mm / 306 in  
 B2: 1692 mm / 66 in  
 B3: 790 mm / 31 in  
 B4: 675 mm / 27 in  
 Weight: 1600kg / 3527 lb



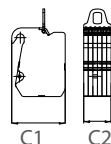
#### ROPS/FOPS Structure:

E1: 1948 mm / 76.6 in  
 E2: 1663 mm / 65.4 in  
 E3: 1202 mm / 47.3 in  
 Weight: 550 kg / 1212 lb



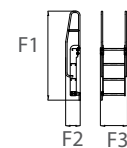
#### Counterweight:

C1: 1050 mm / 41 in  
 C2: 640 mm / 25 in  
 Weight each: 4300 kg / 9480 lb  
 Weight tot.: 8600 kg / 18960 lb



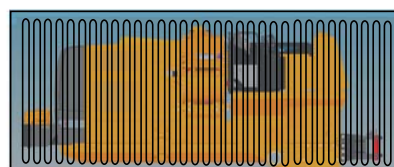
#### Ladder:

F1: 2075 mm / 82 in  
 F2: 339 mm / 13 in  
 F3: 630 mm / 25 in  
 Weight: 80 kg / 176 lb



### Transport in CONTAINERS:

BASIC MACHINE  
 TRACKS  
 ACCESSORIES



### ENGINE

|   |                 |
|---|-----------------|
| EMISSION EU Stage V - U.S. EPA Tier 4 Final |                 |
| Type:                                       | Caterpillar     |
| Model:                                      | C9.3 ACERT      |
| Net fly wheel power (DIN 6270-SAEJ 1349):   | 350 hP - 261 kW |
| Governed speed:                             | 2100 rpm        |
| Displacement:                               | 9.3 l           |

### HYDRAULIC SYSTEM

|   |              |
|---|--------------|
| <u>Main Pumps</u>                                   |              |
| Bosch Rexroth n°2 independent variable displacement |              |
| Maximum flow:                                       | 2x 305 l/min |
| Maximum operating pressure:                         | 420 bar      |
| Bosch Rexroth axial piston variable displacement    |              |
| Maximum flow:                                       | 315 l/min    |
| Maximum operating pressure:                         | 340 bar      |
| <u>Service Pumps</u>                                |              |
| Tandem gear type                                    |              |
| Maximum flow:                                       | 50 l/min     |
| Maximum operating pressure:                         | 230 bar      |

### TRANSMISSION

|               |                              |
|---------------|------------------------------|
| Type:         | Hydrostatic closed circuit   |
| Brakes:       | 2 integrate negative control |
| Final drives: | Epiciclodal oil soaked       |
| Maximum speed |                              |
| 1- speed:     | 3.0 km/h - 1.9 mph           |
| 2- speed:     | 8.3 km/h 5.2 mph             |

### CONTROLS

|   |                    |
|---|--------------------|
| Type:   | Two pilot operated |
| Safety:   | Emergency shut-off |
| TSSystem: Two Steering System to provide with other two levers to drive the track independently in order to guarantee small and precise movement. |                    |

### TRACK FRAME

|  |  |
|--|--|
| Hard track frame with sealed and lubricated chian D9H type |  |
| Number of bottom rollers:                                  | 9+9  |
| Number of carrying rollers:                                | 2+2  |
| Track Gauge:   | 2.5 m 8.2 ft                               |
| Length of track on the ground:                             | 3.42 m 11.2 ft                             |
| Standard shoes width:                                      | 800 mm 31.5 in                             |
| Ground contact area:                                       | 55000 cm <sup>2</sup> 8527 in <sup>2</sup> |
| Option shoes width:  | /  |
| Ground contact area:                                       | /  |

### FLUID CAPACITIES

|                                      |                     |
|--------------------------------------|---------------------|
| Fuel tank:                           | 380 l/100 U.S.gal   |
| Hydraulic system circuit:            | 225 l/ 60 U.S.gal   |
| Cooling system:                      | 45 l/ 12 U.S.gal    |
| Engine oil:                          | 32 l/ 8.4 U.S.gal   |
| Final drives each:                   | 12.5 l/ 3.5 U.S.gal |
| Urea tank (for Tier 4 Final Engine): | 34.5 l/ 9.1 U.S.gal |

### ELECTRIC SYSTEM

|                                      |        |
|--------------------------------------|--------|
| Operating voltage:                   | 24 V   |
| Maintenance free supplied batteries: | 2      |
| Capacity (total):                    | 180 Ah |
| Starter capacity:                    | 7.5 kW |
| Alternator:                          | 55 A   |

## PIPELAYING EQUIPMENT

### HYDRAULIC WINCHES

|              |  |  |
|--------------|--|--|
| Type:        | Hydraulic controlled drums (reversible), driven by variable flow hydraulic pump and control block valve in open circuit. |  |
| Final drive: | Compact hydrostatic drive unit tree-stage planetary gear.  |  |
| Brakes:      | Integrated multiple disk brake, spring applied hydraulic released.   |  |

### CONTROL

|                              |   |               |
|------------------------------|---|---------------|
| Type:                        | Hydraulic controlled drums (reversible.) Driven by variable flow hydraulic pump and control valve block in open circuit |               |
|                              | Hook  | Boom          |
| Capacity(19 mm – 3/4 inch.): | 144 m / 472 ft  | 80 m / 262 ft |
| Wire rope installed:         | 100 m / 328 ft  | 70 m / 275 ft |
| Hook speed:                  | 0:16 m/min / 0:52 ft/min  |               |

### ADJUSTABLE COUNTERWEIGHTS

|   |                    |
|---|--------------------|
| QD-CS: Quick Disconnected Counterweight System to give the possibility to disassembly in a short time all counterweight pack. |                    |
| Removable counterweight   |                    |
| Front pack:   | 4300 kg / 9480 lb  |
| Rear pack:  | 4300 kg / 9480 lb  |
| Total weight extendable:  | 8600 kg / 18960 lb |

### BOOM

|                     |               |
|---------------------|---------------|
| Type:               | 7,5m / 24 ft  |
| Optional:           | 8.5m / 28 ft  |
| Diameter wire rope: | 19mm / 3/4 in |
| Part load line:     | 6             |
| Part boom line:     | 5             |

### OPTIONAL

|                  |
|------------------|
| Closed cabin     |
| Air conditioning |
| Visio display    |
| Rear winch       |
| Extra long boom  |

