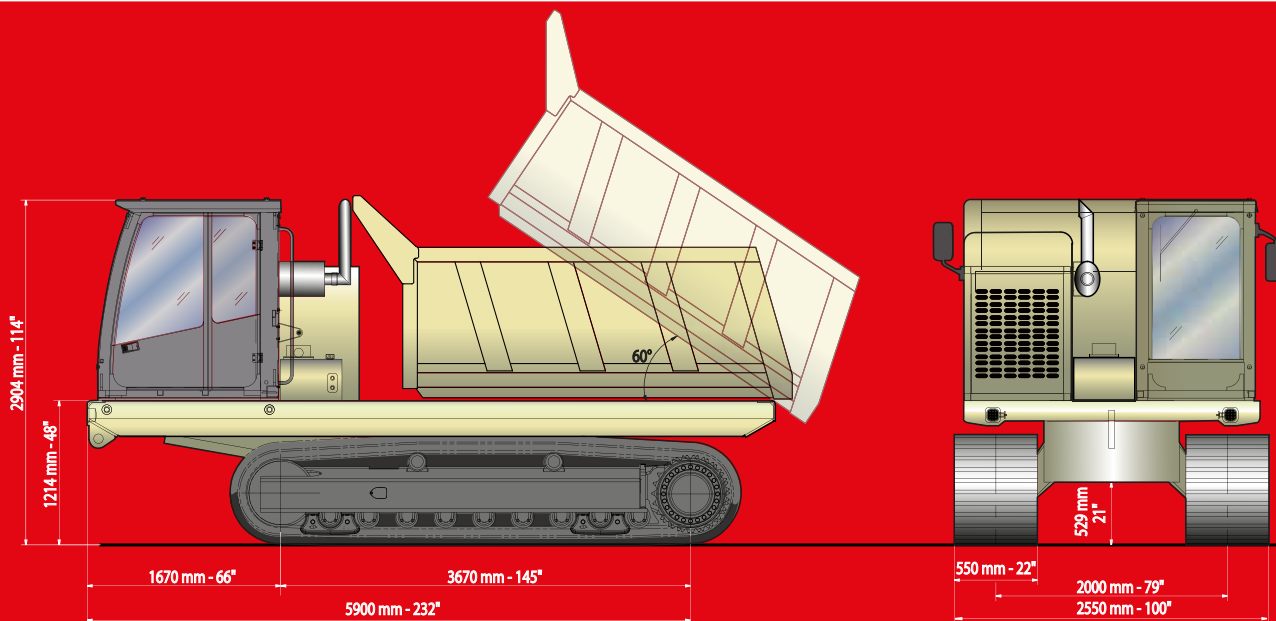


# SFT-225-D

## DUMPER TRACTOR



### ENGINE

Type.....CATERPILLAR C6.6 ACERT  
 Net flywheel power (DIN 6270) ..... 225 HP  
 Governed speed.....2200 g/min  
 Sound proof compartment

### ELECTRIC SYSTEM

Operating voltage..... 24 V  
 Maintenance free supplied batteries.....2  
 Capacity (total).....2x120 Ah  
 Starter capacity.....7.5 Kw  
 Alternator ..... 55 A

### HYDRAULIC SYSTEM

Main pumps: (MANNESMANN) two independent variable pumps  
 - maximum capacity.....42 u.s. Gal./min - 160 lt/min  
 - maximum operating pressure..... 420 bar

### TRANSMISSION

Type.....hydrostatic  
 Motors HYDROMATIC) two motors with axial pistons.....  
 ..... disappearing into the tracks frame  
 Brakes ..... integrated negative control  
 Final drives..... epicycloidal oil soaked  
 Max. speed..... 3.2 Miles/h - 5 Km/h

### CONTROLS

Type..... pilot operated with throttle button on transmission joystick  
 Safety lever completely bypassing the control  
 hydraulic system..... 1

### TRACK FRAME STANDARD

Rollers leaning on tracks.....9 per side  
 Rollers supporting the tracks .....2 per side  
 Track gauge STD ..... 79 Inches - 2000 mm  
 Length of the track on the ground .....122.2 Inches - 3450 mm  
 Track shoes .....52 single grouser type  
 STD shoes width ..... 22 Inches - 550 mm  
 Ground contact area ..... 5890 sq. in. - 38000 cm<sup>2</sup>  
 Pressure on the ground ..... 5.1 lb/sq. in. - 0.35kg/cm<sup>2</sup>  
 Track gauge OPTD .....30 in. - 760 mm  
 Ground contact area .....8150 sq. in. - 52440 cm<sup>2</sup>  
 Pressure on the ground..... 3.9 lb/sq. in. - 0.27 kg/cm<sup>2</sup>

### PULL HOOK

Maximum allowed pull  
 - Front..... 24400 Lb - 110 KN  
 - Rear ..... 24400 Lb - 110 KN

### ROPS-FOPS CAB iso 3471 iso 3449 sae 1040 cj/231

- Elastically suspended cab and operator's seat  
 - Sound proof inside  
 - Heating, conditioning and ventilation systems  
 - Horn  
 - Optional air conditioning and pressurization

### SERVICE REFILL CAPACITIES

Fuel tank..... 49 U.S. Gal - 185 lt.  
 Hydraulic system circuit ..... 58 U.S. Gal - 220 lt.

### BODY

Capacity:  
 Stuck ..... 7 m<sup>3</sup>  
 Heaped SAE 2:1.....

### WEIGHT

Empty weight (with standard body)..... 37.500 Lb - 17.000 Kg  
 Payload..... 33.100 Lb - 15.000 Kg  
 Gross vehicle weight ..... 70.600 Lb - 32.000 Kg

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