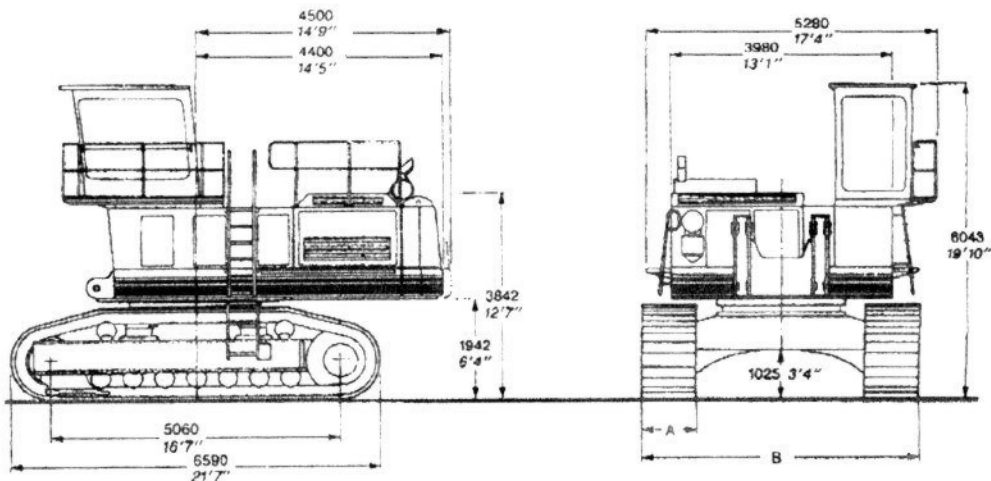






Hydraulic Excavator Technical Data

RH 75 C



Standard



Optional



		A	B	kg lb		kg lb	
RH 75-C-800	(rolled or forged)	800 mm 31 1/2"	4800 mm 15'9"	122 580 270 240	1.37 kplcm ² 19.49 psi	120 580 265 830	1.35 kplcm ² 19.20 psi
RH 75C-1000	(rolled)	1000 mm 39.5"	5000 mm 16'5"	124 900 275 950	1.12 kplcm ² 15.93 psi	122 820 270 770	1.10 kplcm ² 15.85 psi



Water-cooled Cummins Diesel engine KTA 19-C 600
 Output DIN 6271 (rated) 417 kW (567 PS) 1900 min⁻¹
 Output SAE J 1349 (rated) 435 kW (583 HP) 1900 min⁻¹
 Output SAE J 1349 (max) 448 kW (600 HP) 2100 min⁻¹
 Tank capacity 1300 l / 343.4 US gal/h
 Heavy air-filter system STG 16,
 Fuel filter, dual stage with water separator:
 Fuelling device for Wiggins system
 Starter and lighting system 24 Volt
 2 high-performance batteries for cold starts 170 Ah, 2 x 12 Volt



Electric motor: 2.2 - 6.8 kV, 420 kW - 50 cycles/60 cycles
 Starting current: I_A = 350% of I_N, I_N = 51 amp at 6 kV
 Oil pre-heater is standard for electric-drive.



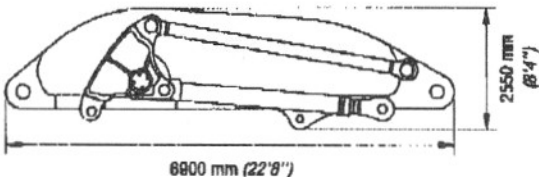
Hydraulic system
 Hydraulic output 389 kW (542 HP)
 Oil flow 2 x 456 l/min / 2 x 120 US gal
 Working pressure up to 300 bar (4267 psi)
 Total volume of hydraulic oil about 1700 l / 450 US gal

2 axial piston pumps - with automatic double-flow for all cylinders - at all times utilize the full engine output, adapting the working speed exactly and without any delay to the required working-resistance. Parallel switching for higher working-speed and reduction of loss-energy during hoisting and swinging at the same time. Pressure-reservoir for emergency actuating of attachment with engine switched off. Dual-lever joystick control acc. to SAE recommendation. Cooling by thermostatically controlled fan (aluminum cooler). Return-flow filter with 10 μm absolute, high pressure filter with 100 μm.

TriPower Shovel Attachment

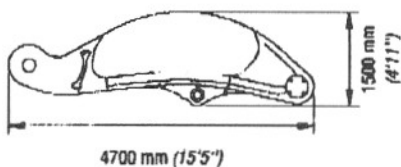
Boom with main valve block, triPower linkage and rods

Width 2150 mm (7'1") Gross weight 18200 kg (35710 lbs)



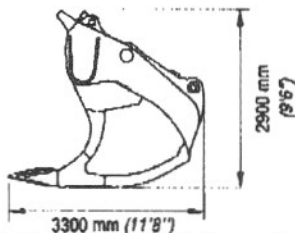
Arm / stick with bucket cylinder protection

Width 2100 mm (6'11") Gross weight 6400 kg (14110 lbs)



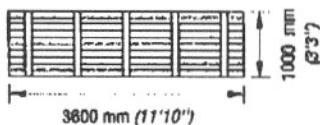
Face shovel (one-piece bucket)

Capacity (2:1) 10.0 m³ (13.1 cuyd) Width 3650 mm (12') Gross weight 17400 kg (38360 lbs)



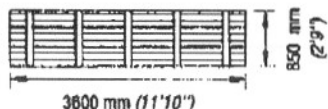
Crato with 2 bucket cylinders

Width 900 mm (2'11") Gross weight 2200 kg (4850 lbs)



Crato with 2 arm cylinders

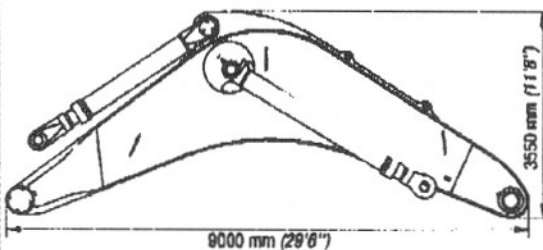
Width 800 mm (2'7") Gross weight 2050 kg (4520 lbs)



Backhoe Attachment

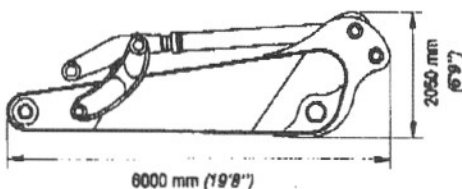
Mountboom with main valve block, boom and arm cylinders

Width 2200 mm (7'3") Gross weight 25800 kg (56880 lbs)



Arm with linkage and bucket cylinders

Width 1350 mm (4'5") Gross weight 10000 kg (22050 lbs)



Backhoe bucket (one-piece bucket and teeth)

Capacity (1:1) 8.5 m³ (11.1 cuyd) Width 2740 mm (9') Gross weight 8700 kg (19180 lbs)
10.0 m³ (13.1 cuyd) 3200 mm (10'6") 9900 kg (21830 lbs)

