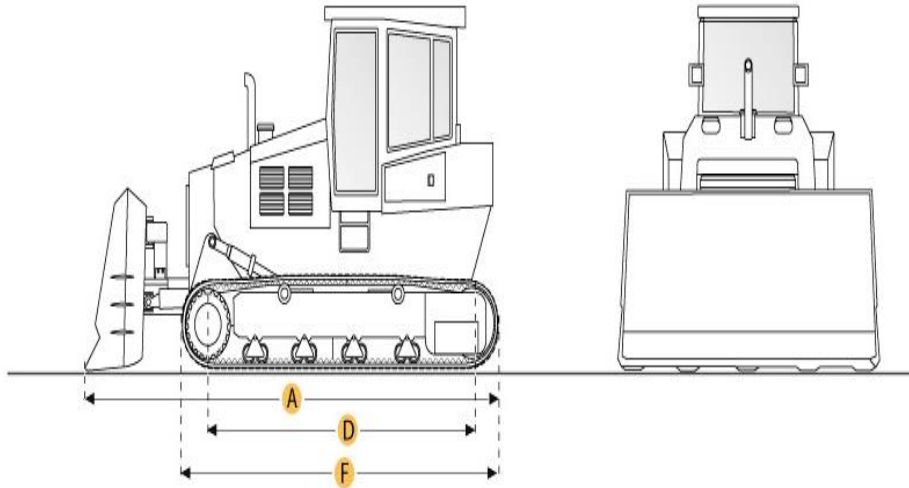


Lampiran 1. Spesifikasi *Excavator* Komatsu PC200

Specification		
Engine		
MAKE	Komatsu	
MODEL	SAA6D107E-1	
GROSS POWER	155 hp	116 kw
NET POWER	148 hp	110 kw
POWER MEASURED @	2000 rpm	
DISPLACEMENT	408 cu in	6.7 L
ASPIRATION	Turbocharged and aftercooled	
NUMBER OF CYLINDERS	6	
Operational		
OPERATING WEIGHT	44114.5 lb	20010 kg
FUEL CAPACITY	105.7 gal	400 L
COOLING SYSTEM FLUID CAPACITY	5.4 gal	20.4 L
HYDRAULIC SYSTEM FLUID CAPACITY	35.7 gal	135 L
ENGINE OIL CAPACITY	6.1 gal	23.1 L
SWING DRIVE FLUID CAPACITY	1.7 gal	6.6 L
OPERATING VOLTAGE	24 V	
ALTERNATOR SUPPLIED AMPERAGE	50 amps	
HYDRAULIC SYSTEM RELIEF VALVE PRESSURE	5400 psi	37231.7 kPa
HYDRAULIC PUMP FLOW CAPACITY	116 gal/min	439.1 L/min
Swing Mechanism		
SWING SPEED	12.4 rpm	
SWING TORQUE	49907 lb ft	67664.8 Nm
Undercarriage		
NUMBER OF SHOES PER SIDE	45	
SHOE SIZE	31.5 in	800 mm
NUMBER OF CARRIER ROLLERS PER SIDE	2	
NUMBER OF TRACK ROLLERS PER SIDE	7	
MAX TRAVEL SPEED	3.4 mph	5.5 km/h
DRAWBAR PULL	40120 lb	178 kN
TRACK GAUGE	7.2 ft in	
Buckets		
REFERENCE BUCKET CAPACITY	1.3 yd ³	1 m ³
MINIMUM BUCKET CAPACITY	0.65 yd ³	0.5 m ³
MAXIMUM BUCKET CAPACITY	1.6 yd ³	1.2 m ³
Boom/Stick Option (HEX) 1		
BOOM/STICK OPTION (HEX) 1	None / 7.92ft 2410mm	
SHIPPING HEIGHT OF UNIT	10.5 ft in	3190 mm
SHIPPING LENGTH OF UNIT	18.7 ft in	5700 mm
MAX DIGGING DEPTH	20 ft in	6095 mm
MAX REACH ALONG GROUND	30.2 ft in	9190 mm
MAX CUTTING HEIGHT	32.2 ft in	9800 mm
MAX LOADING HEIGHT	22.6 ft in	6890 mm
MAX VERTICAL WALL DIGGING DEPTH	17.8 ft in	5430 mm
Boom/Stick Option (HEX) 2		
BOOM/STICK OPTION (HEX) 2	None / 9.58ft 2925mm	
SHIPPING HEIGHT OF UNIT	10 ft in	3040 mm
SHIPPING LENGTH OF UNIT	15.8 ft in	4815 mm
MAX DIGGING DEPTH	21.8 ft in	6620 mm
MAX REACH ALONG GROUND	31.8 ft in	9700 mm
MAX CUTTING HEIGHT	32.8 ft in	10000 mm
MAX LOADING HEIGHT	23.3 ft in	7110 mm
MAX VERTICAL WALL DIGGING DEPTH	19.6 ft in	5980 mm
Dimensions		
WIDTH TO OUTSIDE OF TRACKS	9.8 ft in	3000 mm
HEIGHT TO TOP OF CAB	10 ft in	3040 mm
GROUND CLEARANCE	1.4 ft in	440 mm
COUNTERWEIGHT CLEARANCE	3.6 ft in	1085 mm
TAIL SWING RADIUS	9 ft in	2750 mm
LENGTH OF TRACK ON GROUND	10.7 ft in	3275 mm

Lampiran 2. Spesifikasi Bulldozer Caterpillar D6G



Selected Dimensions

Dimensions

C. HEIGHT TO TOP OF CAB	10.5 ft in	3200 mm
E. GROUND CLEARANCE	1 ft in	310 mm

Undercarriage

G. TRACK GAUGE	6.2 ft in	1880 mm
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Specification

Engine

MODEL	3306T	
DISPLACEMENT	640.7 cu in	10.5 L

Operational

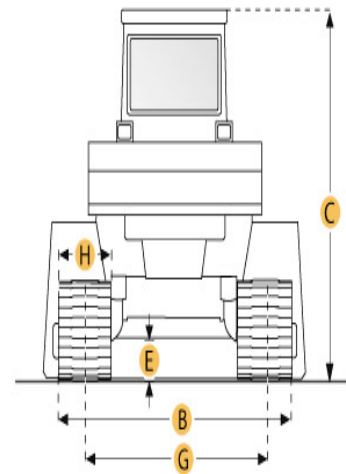
OPERATING WEIGHT	34028 lb	15434.8 kg
FUEL CAPACITY	79.3 gal	300 L

Undercarriage

NUMBER OF TRACK ROLLERS PER SIDE	7	
TRACK GAUGE	6.2 ft in	1880 mm

Dimensions

HEIGHT TO TOP OF CAB	10.5 ft in	3200 mm
GROUND CLEARANCE	1 ft in	310 mm



Lampiran 3. Dump Truck Hino Dutro 130 HD

Spesifikasi Hino Dutro 130 HD

PRODUK	Model	Dutro 130 HD
PRODUKSI	Kode Produksi	WU342R-HKMTJD3
PERFORMANCE	Kecepatan Maksimum(km/jam)	103
	Daya Tanjak (tan $\bar{\alpha}$)	39,6
MESIN	Model	W04D-TR
	Tipe	Diesel 4 Stroke; Direct Injection; Turbo Charge Intercooler
	Tenaga Maks (PS/rpm)	130/2700
	Momen Putir Maks. (Kgm/rpm)	37.0/1800
	Jumlah Silinder	4
	Diameter x Langkah Piston (mm)	104x 118
	Isi Silinder	4.009
	KOPLING	Tipe
TRANSMISI	Diameter	300
	Tipe	5 speeds
	Perbanding Gigi	-
	ke-1	4.981
	ke-2	2.911
	ke-3	1.556
	ke-4	1
	ke-5	0.738
	ke-6	-
	ke-7	-
KEMUDI	ke-8	-
	ke-9	-
	mundur	4.625
SUMBU	Tipe	Recirculating Ball Screw
	Radius Putar Min. (m)	6.7
REM	Depan	Reverse Elliot, I-Section Beam
	Belakang	Full-floating, single reduction, single speed by hypoid gearings
	Perbandingan gigi akhir	6.833
	Sistem Penggerak	Rear 4x2
RODA & BAN	Rem Utama	Vacum with diaphragm booster
	Rem Pelambat	With on exhaust pipe
	Rem Parkir	Internal Expanding tipe pada transmisi output
SISTIM LISTRIK	Ukuran Rim	16 x 6.00GS-127
	Ukuran Ban	7.50-16-14PR
	Jumlah Ban	6
	Accu	12V-60Ah x2
	Kapasitas (L)	100
	Jarak Sumbu Roda	3380
	Panjang bak	4235
TANGKI SOLAR	Total Panjang	6026
DIMENSI (mm)	Total Lebar	1945
	Total Tinggi	2165

Lampiran 4. Harga Sewa Alat Berat

⊕ Excavator = Rp. 586.000 / Jam.
⊕ Buldozer = Rp. 486.000 / Jam.
⊕ Dump truck = Rp. 130.000 / Jam.
⊕ Tander = Rp. 372.000 / Jam.