



TY320C BULLDOZER

AWARDED THE ISO9001:2000 SYSTEM CERTIFICATE

Engine Model: Cummins NTA855-C360S10

Flywheel Horsepower: 320 HP (257kW)/2000RPM

Operating Weight (Straight-Tilt dozer): 34570kg



PT. BADAK PRIMA LESTARI

- Manufactured by adopting the technology of komatsu D155A bulldozer.
- Featuring high performance capacity, safe and reliable in operation.
- Widely used in infrastructure and industry including large mine, port, power plant, road building etc.

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SPECIFICATION

Operating Weight(kg).....	34570
Min. Ground Clearance(mm)	500
Min. Turning Radius(m)	3.8
Ground Pressure(MPa)	0.093
Track Gauge(mm)	2140
Max. Pulling Force(KN)	281
Grade Ability(°)	30

TRAVEL SPEED

	1st	2nd	3rd
Forward(km/h)	0~3.6	0~6.6	0~11.5
Reverse(km/h)	0~4.4	0~7.8	0~13.5

ENGINE

Model & Type... Cummins NTA855-C360S10 6-cylinder, In-line, 4-stroke-cycle, water-cooled, overhead valve direct injection, turbocharged diesel

Rated Revolution(rpm)	2000
Flywheel Horsepower(HP)	320
Cylinder Number-Bore X Stroke(mm)	6-139.7X152.4
Piston Displacement(L)	14
Min. Fuel Consumption(g/kWh)	≤ 213
Max. Torque(Nm/rpm)	1509/1400
Starting Method	Starting motor 24V 11kW

POWER TRANSMISSION SYSTEM

Torque Converter	1-stage, 1-phase, 3-element,
Transmission	Planetary gear, multi-disc clutch, hydraulically connected, forced lubrication, 3 forward and 3 reverse speeds
Bevel Gear	Spiral bevel gear, splash lubrication, single-stage speed reduction
Steering Clutch	Wet, multi-disc, spring loaded, hydraulically separated, hydraulic control
Steering Brake	Wet, floating, direct on-off hydraulic inter-linking operation
Final Drive	Double reduction of spur gear, splash lubrication

HYDRAULIC SYSTEM

Pump Type	Gear pump 07446-66103
Working Pressure(MPa)	14
System Discharge(L/min)	400(at revolution of 2000rpm)
Working Cylinder type	Double-acting piston type
Working Cylinder lift Number-Bore X Rod X Stroke(mm)	2-140X75X134
Working Cylinder Tift Bore X Rod X Stroke(mm)	225X90X160

UNDERCARRIAGE SYSTEM

Type	Swing type of sprayed beam, suspended structure of equalizer bar
Carrier Rollers	2(each side)
Track Rollers	7/each side (2-single flange, 5-double flange)
Track Type	Sealed, assembled single-grouser
Number Of Track Shoes	41(each side)
Width Of Track Shoes(mm)	560
Pitch(mm)	228.6
Length Of Track On Ground(mm)	3150

WORK EQUIPMENT

Blade Type	Straight-tilt
Blade Capacity(m ³)	9.96
Blade Width X Height(mm)	4130X1553
Max. Lift(mm)	1560
Max. Depth(mm)	560
Max. Tilt Adjustment(mm)	1130
Pitch Adjustment(°)	55
Weight Of Blade(kg)	4520

COOLANT AND LUBRICANT CAPACITY

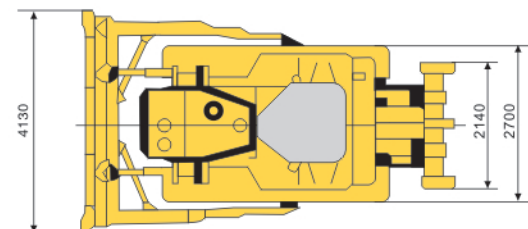
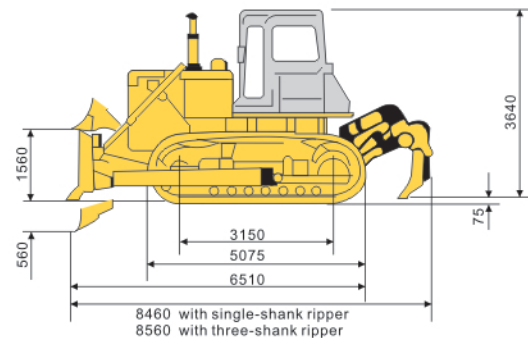
Fuel Tank Capacity(L)	600
Hydraulic Tank Capacity(L)	164
Engine Oil Capacity(L)	47
Torque Converter, Transmission, Bevel Gear, Steering Clutch Capacity(L)	185
Final Drive Capacity(L)	68(each side)

RIPPER(OPTIONAL)

	Single-Shank Ripper	Three-Shank Ripper
Max. Digging Depth(mm)	1250	842
Max. Lift(mm)	955	883
Shank Of Distance(mm)	/	1120
Weight(kg)	4157	4757

OVERALL DIMENSIONS

Straight-tilt Blade Dimensions



Note: Materials and specifications are subject to change without notice.

Authorized Distributor:

 **PT. BADAQ PRIMA LESTARI**

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