HKD165
Standard Bulldozer

It is applicable to the transportation, excavation, back filling of earthwork and other bulk materials on roads,
railways, mines, airports and other surfaces.
It is an ideal engineering machinery
for urban and rural roads,
desert, oil field, electric power,
mine and water conservancy construction.

HKD165F
Forestry Bulldozer

It is applicable to the construction operations in forest logging sites and agricultural projects. A heavy duty winch can be equipped
at the rear end of the bulldozer
for pulling applications and self-rescue operations when
working in dangerous areas. It is an ideal engineering machinery for land-clearing,road construction and maintenance.

HKD165S
Wetland Bulldozer

It is applicable to construction operations in soft soil, wetland and swamp areas.
With a significantly lower ground pressure,
it is an ideal engineering machinery for construction in soft ground conditions such as sanitation,
landfill and water conservancy construction.

Model	HKD165 Standard	HKD165F Forestry	HKD165S Wetland
Dimension(L*W*H)(mm)	5140*3388*3032	5140*3388*3180	5262*4150*3074
Operating Weight(kg)	17000	17000	18400
Engine(Optional)			
Model	SHANGCHAI SC11CB184G2B1	WEICHAI WD10G178E25	WEICHAI WP10G178E355
Type	In-line, water cooled, four cycle, direct injection, turbo charged		In-line, water cooled, four cycle, electric injection, turbo charged
Emission	EURO II	EURO II	EURO III
Number of Cylinder	6	6	6
Bore * Stroke(mm)	121*152	126*130	126*130
Piston Displacement(l)	10.500	9.726	9.726
Rated Power(KW/rpm)	135/1850	131/1850	131/1850
Max. Torque(N.m)	812	830	830
Fuel Consumption(g/kWh)	216	214	214
Transmission			
Torque Convertor	3-elements, 1-stage, 1-phase		
Transmission	Planetary gear type, power-shift, forced lubrication		
Central Drive Shaft	Spiral bevel gear, single-stage speed reduction, splash lubrication		
Steering Clutch	Wet, multi-disc, spring loaded, hydraulically separated, hydraulic control		
Steering Brake	Wet type, floating band structure, foot brake with hydraulic booster		
Final Drive	2-stage speed reduction of spur gear, splash lubrication		
Travel Speed			
Gear	1st	2nd	3rd
Forward(km/h)	0-3.29	0-5.82	0-9.63
Reverse(km/h)	0-4.28	0-7.59	0-12.53
Undercarriage System			
Type	Sprayed beam, suspended structure of equalizer		
No. of Carrier Rollers	2 each side	2 each side	2 each side
No. of Track Rollers	6 each side	7 each side	7 each side
No. of Track Shoes	37	39	42
Track Shoe Type	Single Grouser	Single Grouser	Swamp Grouser
Width of Track Shoe(mm)	510	560	950
Pitch(mm)	203	203	203
Track Gauge(mm)	1880	1880	2300
Ground Pressure(MPa)	0.067	0.058	0.032
Hydraulic System			
Max. Pressure(MPa)	14		

HKD22
Standard Bulldozer

It is applicable to the transportation, excavation, back filling of earthwork and other bulk materials on roads, railways, mines, airports and other surfaces. It is an ideal engineering machinery for urban and rural roads, desert, oil field, electric power, mine and water conservancy construction.

HKD22F
Forestry Bulldozer

It is applicable to the construction operations in forest logging sites and agricultural projects.
A heavy duty winch can be equipped at the rear end of the bulldozer for pulling applications a nd self-rescue operations when working in dangerous areas.
It is an ideal engineering machinery for land-clearing, road construction and maintenance.

HKD22S
Wetland Bulldozer

It is applicable to construction operations in soft soil, wetland and swamp areas.
With a significantly lower ground pressure, it is an ideal engineering machinery for construction in soft ground conditions such as sanitation, landfill and water conservancy construction.

Model	HKD22 Standard	HKD22F Forestry	HKD22S Wetland
Dimension(L*W*H)(mm)	5495*3725*3402	5495*3725*3580	6290*4365*3402
Operating Weight(kg)	23400	24700	28000
Engine(Optional)			
Model	CUMMINS NT855-C280S10		CUMMINS QSNT-C235S30
Type	In-line, water cooled, four cycle, direct injection, turbo charged		In-line, water cooled, four cycle, electric injection, turbo charged
Emission	EURO II		EURO III
Number of Cylinder	6		
Bore * Stroke(mm)	139.7*152.4		
Piston Displacement(l)	14		
Rated Power(KW/rpm)	175/1800		
Max. Torque(N.m)	1050		
Fuel Consumption(g/kWh)	205		
Transmission			
Torque Convertor	3-elements, 1-stage, 1-phase		
Transmission	Planetary gear type, power-shift, forced lubrication		
Central Drive Shaft	Spiral bevel gear, single-stage speed reduction, splash lubrication		
Steering Clutch	Wet, multi-disc, spring loaded, hydraulically separated, hydraulic control		
Steering Brake	Wet type, floating band structure, foot brake with hydraulic booster		
Final Drive	2-stage speed reduction of spur gear, splash lubrication		
Travel Speed			
Gear	1st	2nd	3rd
Forward(km/h)	0-3.6	0-6.5	0-11.2
Reverse(km/h)	0-4.3	0-7.7	0-13.2
Undercarriage System			
Type	Sprayed beam, suspended structure of equalizer		
No. of Carrier Rollers	2 each side	2 each side	2 each side
No. of Track Rollers	6 each side	6 each side	8 each side
No. of Track Shoes	38	38	45
Track Shoe Type	Single Grouser	Single Grouser	Swamp Grouser
Width of Track Shoe(mm)	560	610	910
Pitch(mm)	216	216	216
Track Gauge(mm)	2000	2000	2250
Ground Pressure(MPa)	0.077	0.074	0.041
Hydraulic System			
Max. Pressure(MPa)	14		
Pump Type	Gear Pump		

HKD32
Standard Bulldozer

It is applicable to the transportation, excavation, back filling of earthwork and other bulk materials on roads, railways, mines, airports and other surfaces. It is an ideal engineering machinery fo urban and rural roads, desert, oil field, electric power mine and water conservancy construction.

Model	HKD32 Standard	
Dimension(L*W*H)(mm)	6880*4130*3688	
Operating Weight(kg)	37200	
Engine(Optional)		
Model	CUMMINS NTA855-C360S10	CUMMINS QSNT-C345S30
Type	In-line, water cooled, four cycle, direct injection, electric injection, turbo charged	
Emission	EURO II	EURO III
Number of Cylinder	6	
Bore * Stroke(mm)	139.7*152.4	
Piston Displacement(l)	14	
Rated Power(KW/rpm)	257/2000	
Max. Torque(N.m)	1440	
Fuel Consumption(g/kWh)	245	
Transmission		
Torque Convertor	3-elements, 1-stage, 1-phase	
Transmission	Planetary gear type, power-shift, forced lubrication	
Central Drive Shaft	Spiral bevel gear, single-stage speed reduction, splash lubrication	
Steering Clutch	Wet, multi-disc, spring loaded, hydraulically separated, hydraulic control	
Steering Brake	Wet type, floating band structure, foot brake with hydraulic booster	
Final Drive	2-stage speed reduction of spur gear, splash lubrication	

Travel Speed			
Gear	1st	2nd	3rd
Forward(km/h)	0-3.8	0-6.9	0-11.8
Reverse(km/h)	0-4.5	0-8.1	0-13.9
Undercarriage System			
Type	Sprayed beam, suspended structure of equalizer		
No. of Carrier Rollers	2 each side		
No. of Track Rollers	7 each side		
No. of Track Shoes	41		
Track Shoe Type	Single Grouser		
Width of Track Shoe(mm)	560		
Pitch(mm)	228.6		
Track Gauge(mm)	2140		
Ground Pressure(MPa)	0.105		
Hydraulic System			
Max. Pressure(MPa)	14		
Pump Type	Gear Pump		
Displacement(l/min)	336		
Bore of Lifting Cylinder()mm	140*2		
Blade			
Blade Type	Straight-tilt Blade	Angle Blade	Semi-U Blade U-Shape Blade Wetland Straight-tilt Blade
Blade Capacity(m^3)	10.0	6.2	11,7
Blade Width(mm)	4130	5000	4130
Blade Height(mm)	1590	1140	1710
Max. Lift Above Ground(mm)	1560	1703	1560
Max. Drop Below Ground(mm)	560	630	560
Max. Tilt Adjustment(mm)	1000	/	1000