



Specifications	CK 220	CK 185	CK 165
Operation Weight(kg)	17200	16300	15000
Dimensions (mm)	8900×2765×3525	8900×2765×3525	8600×2765×3525
(With Front Blade and Rear Ripper)	10900×2765×3525	10900×2765×3525	10600×2765×3525
Blade Dimensions(mm)	4267×650	3965×620	3965×620
Blade Turning Angle		360°	
Maximum Tilting Angle of the Blade		90°	
Maximum Digging Depth of the Blade(mm)		550	
Front-Rear Axle Wheelbase	6362		6062
<b>Engine</b>			
Model	6CTA8.3	SC8D190.1G2B1	SC8D170G2B1
Rated Power (kw/hp)	160/2200	140/2200	125/2200
Speed (rpm)	2200	2200	2300
Max.tor (Nm/rpm)	908/1500	675/1500	630/1400
<b>Transmission and Torque Converter</b>			
Transmission: <i>Hydraulic Shift Transmission</i>	•	•	•
Max. Travel Speed(km/h)	36	38	40
Max. Traction Force(Attachment Coefficient is 0.75)(kN)	89	89	88
<b>Axle</b>			
Type: <i>3-stage Axle for Motor Grader with No-Spin Differential</i>	•	•	•
Driven Axle: <i>Boxed Oscillating Steering Front Axle</i>	•	•	•
Swing Angle		±15°	
Front Wheel Tilting Angle		±17°	
Ground Clearance (mm)		630	
<b>Steering System</b>			
Turning angle		45°	
Articulating Steering:			
<i>Front and Rear Frames Articulating, Hydraulic Drive,</i>	•	----	•
<i>Hydraulic Driving, Duo-Cylinder Function</i>	----	•	----
Articulating Angle		Left/Right 25°	
Min. Turning Radius		7.8m Front Wheel Outside	
<b>Brake System</b>			
Service Brake: <i>Full Hydraulic Brake System</i>	•	----	----
Service Brake: <i>Imported Hydraulic Element Brake System</i>	----	•	•
Brake(Service Brake)		Shoe Brake	
Parking Brake(Type): <i>Hoop Brake, Mechanical Control</i>	•	•	•
<b>Wheel and Tyre</b>			
Rim		14.00/1.5-25	
Tire Specifications		17.5-25 PR12	
<b>Front Blade</b>		Optional	
Width Height(mm)		2740×920	
Max. Depth into Ground (mm)		205	
<b>Rear Ripper</b>		Optional	
Ripper Width(mm)		2000	
Max. Depth of Rip Tooth(mm)		315	
Number of Teeth		5	

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## REFINED

Efficiency Rules the Future

# CK165 / CK185 / CK220

## MOTOR GRADERS

3 Section Axle with "No Spin" Differential  
 Hydraulic Shift Transmission  
 HUSCO 5 position Multi-valves  
 Single Circuit Hydraulic Service Brake  
 Maintenance-free Roll-type Rotator



# CK

## MOTOR GRADERS

*Series*

	CK220	CK185	CK165
OPERATION WEIGHT(kg)	17200	16300	15000
RATED POWER (kw/hp)	160/2200	140/2200	125/2200
MAX. TRACTION FORCE (kN)	110	91	82
MAXIMUM DIGGING DEPTH OF THE BLADE (mm)	550	550	550