

HYPER KINETIC HK165C MOTOR GRADER

Main Features:

1. CUMMINS diesel engines turbocharged and water-cooled with reliable and powerful performance feature energy.
2. Torque converter and power-shift gearbox technology introduced from GERMANY ZF are integrated together. Six forward gears and three backward gears meet various requirements during machine's working and transporting.
3. Driving axle with integrated free-wheel anti-slip differential and strong roller chain drive tandem case, and boxed oscillated steering front axle with leaned wheels.
4. Popular working mechanism with pendulum-arm connecting rod structure. Standard equipped free-maintenance rolling-plate circle device. Doubling the blade tip control can adjust the cutting angle depending on soil quality.
5. Flexible hydraulic control system with two sets of HUSCO five way control valve, imported hydraulic equalizing valve for the blade lifting, patent hydraulically –operated pin drawing device is designed firstly in board.
6. Steering system with center articulate joint and tilting turning front wheels can get offset travel of the entire machine.
7. Service braking system of, caliper disc brakes on four rear wheels and mechanical internal expanding parking brake let.
8. Electro-hydraulically operated with entire instrumental monitoring system, and free –maintenance Swedish OPTIMA batteries are equipped.
9. It is optional for front bulldozing plate and rear ripper.



Main Technical Parameters

Model		HK165C
Operating mass	kg	15000
Max. forward speed	Km/h	40.4
Max. backward speed	Km/h	25.7
Front axle load		4150
Rear axle load		10850
Speed gear number		F6/R3
Minimum Turning radius	mm	7500
Hydraulic system pressure	Mpa	18
Blade length × height	mm	3660×610
Blade tilt angle	°	±90
Blade slewing angle	°	360
Front wheel tilt angle	°	±17
Front wheel track	mm	2150
Rear wheel track	mm	2255
Overall dimension (L×W×H)	mm	8305×2695× 3420
Wheel base	mm	5347
Diesel engine power	Kw	125/2300rpm
Diesel engine model		CUMMINS6BTA5.9
Fuel tank capacity		228
Hydraulic tank capacity	L	170
Tire size		17.5-25
Multi tandem Valve		Husco
Rear Ripper		5 shanks

HYPER KINETIC HK180C MOTOR GRADER

Main Features:

1. CUMMINS diesel engines turbocharged and water-cooled with reliable and powerful performance feature energy.
2. Torque converter and power-shift gearbox technology introduced from GERMANY ZF are integrated together. Six forward gears and three backward gears meet various requirements during machine's working and transporting.
3. Driving axle with integrated free-wheel anti-slip differential and strong roller chain drive tandem case, and boxed oscillated steering front axle with leaned wheels.
4. Popular working mechanism with pendulum-arm connecting rod structure. Standard equipped free-maintenance rolling-plate circle device. Doubling the blade tip control can adjust the cutting angle depending on soil quality.
5. Flexible hydraulic control system with two sets of HUSCO five way control valve, imported hydraulic equalizing valve for the blade lifting, patent hydraulically –operated pin drawing device is designed firstly in board.
6. Steering system with center articulate joint and tilting turning front wheels can get offset travel of the entire machine.
7. Service braking system of, caliper disc brakes on four rear wheels and mechanical internal expanding parking brake let.
8. Electro-hydraulically operated with entire instrumental monitoring system, and free –maintenance Swedish OPTIMA batteries are equipped.
9. It is optional for front bulldozing plate and rear ripper.



Main Technical Parameters

Model		HK180C
Operating mass	kg	16000
Max. forward speed	Km/h	36/38.2
Max. backward speed	Km/h	25/24.5
Front axle load		5150
Rear axle load		10850
Speed gear number		F6/R3
Minimum Turning radius	mm	7800
Hydraulic system pressure	Mpa	18
Blade length × height	mm	3965×610
Blade tilt angle	°	±90
Blade slewing angle	°	360
Front wheel tilt angle	°	±17
Front wheel track	mm	2150
Rear wheel track	mm	2255
Overall dimension (L×W×H)	mm	8605×2695× 3420
Wheel base	mm	5647
Diesel engine power	Kw	132/2300rpm
Diesel engine model		CUMMINS6BTA5.9
Fuel tank capacity		228
Hydraulic tank capacity	L	170
Tire size		17.5-25
Multi tandem Valve		Husco
Rear Ripper		5 shanks

HYPER KINETIC HK220C MOTOR GRADER

Main Features:

1. CUMMINS diesel engines turbocharged and water-cooled with reliable and powerful performance feature energy.
2. Torque converter and power-shift gearbox technology introduced from GERMANY ZF are integrated together. Six forward gears and three backward gears meet various requirements during machine's working and transporting.
3. Driving axle with integrated free-wheel anti-slip differential and strong roller chain drive tandem case, and boxed oscillated steering front axle with leaned wheels.
4. Popular working mechanism with pendulum-arm connecting rod structure. Standard equipped free-maintenance rolling-plate circle device. Doubling the blade tip control can adjust the cutting angle depending on soil quality.
5. Flexible hydraulic control system with two sets of HUSCO five way control valve, imported hydraulic equalizing valve for the blade lifting, patent hydraulically –operated pin drawing device is designed firstly in board.
6. Steering system with center articulate joint and tilting turning front wheels can get offset travel of the entire machine.
7. Service braking system of, caliper disc brakes on four rear wheels and mechanical internal expanding parking brake let.
8. Electro-hydraulically operated with entire instrumental monitoring system, and free –maintenance Swedish OPTIMA batteries are equipped.
9. It is optional for front bulldozing plate and rear ripper.



Main Technical Parameters

Model		HK220C
Operating mass	kg	16900
Max. forward speed	Km/h	36.8
Max. backward speed	Km/h	24.8
Front axle load		5820
Rear axle load		11080
Speed gear number		F6/R3
Minimum Turning radius	mm	7800
Hydraulic system pressure	Mpa	18
Blade length × height	mm	3965×610
Blade tilt angle	°	±90
Blade slewing angle	°	360
Front wheel tilt angle	°	±17
Front wheel track	mm	2150
Rear wheel track	mm	2255
Overall dimension (L×W×H)	mm	9830×2790× 3340
Wheel base	mm	5647
Diesel engine power	Kw	160/2200rpm
Diesel engine model		CUMMINS6CTA8.3
Fuel tank capacity		228
Hydraulic tank capacity	L	170
Tire size		17.5-25
Multi tandem Valve		Husco
Rear Ripper		5 shanks