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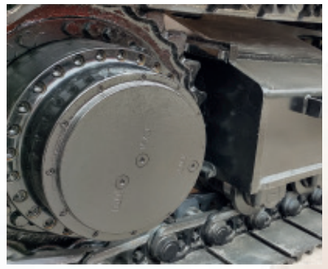
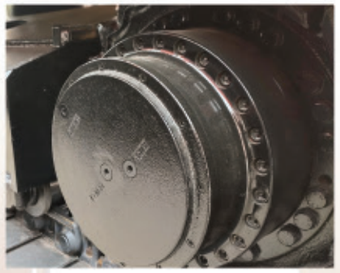
EXCAVATOR

PP700E-XI





TRAVEL MOTOR

- Hydraulically balanced piston motor ensures a consistent supply of high-pressure and operation performance
- An offset type speed design ensures reliable changeover of the displacement
- Floating seals prevent foreign materials like dust or water from entering the motor
- Heavy duty bearings are used in the motor for longer lifespan
- Auto-brake system enhances safety operation
- Motor offers a built-in double counter balance valve and shock-less crossover relief value, providing speed control and braking with minimum shock
- Case rotation type gear reducer has improved durability and reliability due to high precision parts and an equally loaded design

HIGH-STRENGTH FRAME

- Sealed lubricated track, proven to reduce wear and tear
- Heavy excavator elongated base support
- Slope track frame design allow debris to flow down easily
- Robust X-shaped slope type track frame

SUPERIOR VISIBILITY

The ergonomic cabin design provides a wide and clear operational view for the operator to control the mighty workhorse with confidence. Blind spots are also minimized, enabling the operator to maintain a high level of concentration while conducting the job in an effective manner.

COMPLETE CONTROL

Extra leg room, adjustable suspension seat, streamline dashboard and user-friendly control levers are designed to suit the human movement. The operator is able to maneuver the machine with excellent bucket visibility, enabling the most delicate finishes to be performed in the harshest conditions with maximum productivity.

COMPLETE CONTROL

Reinforced structure, coupled with a well-cooled and low-noise designed cabin provides a conducive environment for the operator with maximum comfort and reduced fatigue for the long hours of work. A safe working cabin is POWERPLUS's way of ensuring maximum efficiency while delivering optimal results.

IMPROVED CONTROL SYSTEM

The high-output engine with intercooler features an ESS (Engine Speed Sensing) system and total horsepower control system that ensures the most efficient usage of the engine at all times. Engine complies with Tier II & Tier III (European) Regulations depending on the market requirements.

The new monitor is equipped with an intelligent computer CPU control system. With this latest addition, switching between the various operating modes is made very convenient. P for "Priority" mode allows users to work fast and hard; while E for "Fuel Economy" mode, has four options — E0, E1, E2, E3, to best meet the users' operational habits to optimize fuel economy.

OPERATOR'S COMFORT

- Pilot control system for precise operations
- Ergonomically designed air-conditioned cabin
- Low-noise and reduced vibration cabin for minimal fatigue
- Easy-to-control levers and panels
- POWERPLUS suspension seat

KAWASAKI PUMP

- Enhanced digging force
- Higher pressure rating and increased power density
- High efficiency and large self-priming capability
- Improved resistance against wear and tear, promoting longer lifespan
- Optimum design of the valve plate and casing rigidity result in lower noise
- Reduced energy and pressure loss
- World-renowned brand with quality assurance

EASY ACCESS TO COMPARTMENTS FOR MACHINE MAINTENANCE

- Easily accessible components for cleaning and inspection
- Simple replacement procedures for filter and oil elements
- Simplified service routine with reduced service time and work hazards

ATTACHMENTS

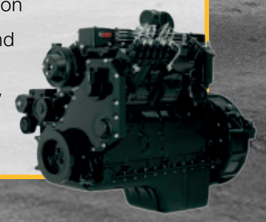
- Italian technology heat-treated bucket teeth and edges
- Customised solutions to your job requirements
- High adaptability to different attachments

X-FRAME DESIGN UNDERCARRIAGE

- Customised and fabricated to ensure stability and durability even in the harshest environments to prevent damage from foreign objects

CUMMINS ENGINE

- Powerful with high fuel efficiency
- Structurally reinforced to resist bending and torsion while reducing noise output
- Special edge-molded design to eliminate possible leakage and reduce oil consumption
- Reduced environmental impact and carbon footprint
- Comes with international warranty for minimised downtime



KAWASAKI SWING MOTOR

Extremely compact fixed displacement swash plate type axial piston motor with built-in parking brake

MAIN SPECIFICATION		
Operating Weight	kg	68500
Rated Bucket Capacity	m^3	4.0
Maximum Digging Force	kN	348
Swing Speed	rpm	7.0
Boom Length	mm	7000
Arm Length	mm	3000
Maximum Gradeability	°	35
ENGINE		
Model		CUMMINS QSM15
Rated Power	hp	765
Rated Speed	rpm	2100
Displacement	L	14.5
No. of Cylinders		6
Emission		Euro III
UNDERCARRIAGE		
Travel Speed (High / Low)	km/h	5.0 / 3.2
Ground Pressure	kPa	107
Track Rollers		9
Carrier Rollers		2
No. of Tracks		52
HYDRAULIC SYSTEM		
Main Pump		KAWASAKI
Maximum Flow	L/min	462 x 2
Working Pressure	MPa	34.3 / 37.0
SERVICE REFILL CAPACITY		
Fuel Tank	L	950
Hydraulic Tank	L	660
Engine Oil	L	52
Coolant	L	65

DIMENSION			
Overall Length	A	mm	12750
Overall Width	B	mm	3762
Overall Height (To Top of Boom)	C	mm	4595
Overall Height (To Top of Cab)	D	mm	3405
Counterweight Ground Clearance	E	mm	1425
Minimum Ground Clearance	F	mm	615
Rear Swing Radius	G	mm	4200
Track Ground Length	H	mm	4592
Track Length	J	mm	5691
Track Gauge	K	mm	2890
Track Width	L	mm	3490
Track Shoe Width	M	mm	600
Turntable Width	N	mm	3125
Minimum Swing Radius	V	mm	5182
Maximum Height at Min. Swing Radius	W	mm	9769
Height of Counterweight	Z	mm	2782
Ground Length (Transportation)	A1	mm	7923
WORKING RANGE			
Maximum Digging Height	O	mm	11740
Maximum Dumping Height	P	mm	7610
Maximum Digging Depth	Q	mm	7289
Maximum Vertical Digging Depth	R	mm	6190
Maximum Digging Depth Cut for 2440mm Level	S	mm	7136
Maximum Digging Reach	T	mm	12090
Maximum Digging Reach at Ground Level	U	mm	11820