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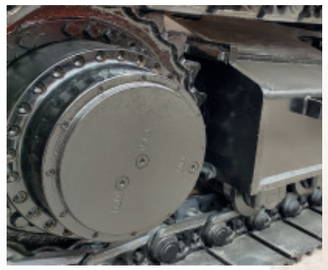
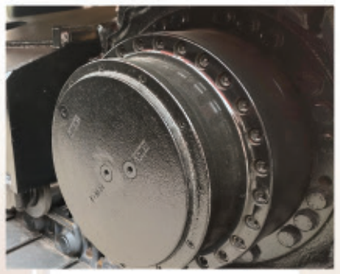
EXCAVATOR

PP1000E-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.

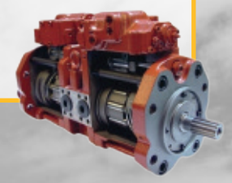
The new monitor is equipped with an intelligent computer CPU control system. With this latest addition, switching between the various operating modes is made very convenient. P for "Priority" mode allows users to work fast and hard; while E for "Fuel Economy" mode, has four options — E0, E1, E2, E3,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

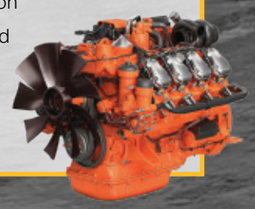


EASY ACCESS TO COMPARTMENTS FOR MACHINE MAINTENANCE

- 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

SCANIA 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



X-FRAME DESIGN UNDERCARRIAGE

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

KAWASAKI SWING MOTOR

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

ATTACHMENTS

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

MAIN SPECIFICATION		
Operating Weight	kg	98000
Rated Bucket Capacity	m^3	6.5
Maximum Digging Force	kN	437
Swing Speed	rpm	6.5
Boom Length	mm	7250
Arm Length	mm	2930
Maximum Gradeability	°	35
ENGINE		
Model		SCANIA DC16
Rated Power	hp	780
Rated Speed	rpm	2000
Displacement	L	16.4
No. of Cylinders		8
Emission		Euro III
UNDERCARRIAGE		
Travel Speed (High / Low)	km/h	3.53 / 2.39
Ground Pressure	kPa	131
Track Rollers		9
Carrier Rollers		3
No. of Tracks		52
HYDRAULIC SYSTEM		
Main Pump		KAWASAKI
Maximum Flow	L/min	550 x 2
Working Pressure	MPa	37.0
SERVICE REFILL CAPACITY		
Fuel Tank	L	1300
Hydraulic Tank	L	1090
Engine Oil	L	49
Coolant	L	90

DIMENSION			
Overall Length	A	mm	13870
Overall Width	B	mm	4451
Overall Height (To Top of Boom)	C	mm	5347
Overall Height (To Top of Cab)	D	mm	3920
Counterweight Ground Clearance	E	mm	1728
Minimum Ground Clearance	F	mm	940
Rear Swing Radius	G	mm	4711
Track Ground Length	H	mm	5200
Track Length	J	mm	6445
Track Gauge	K	mm	3510 / 2940
Track Width	L	mm	4160 / 3590
Track Shoe Width	M	mm	650
Turntable Width	N	mm	3482
Minimum Swing Radius	V	mm	5612
Maximum Height at Min. Swing Radius	W	mm	10686
Height of Counterweight	Z	mm	3750
Ground Length (Transportation)	A1	mm	8905
WORKING RANGE			
Maximum Digging Height	O	mm	12670
Maximum Dumping Height	P	mm	8345
Maximum Digging Depth	Q	mm	6956
Maximum Vertical Digging Depth	R	mm	4860
Maximum Digging Depth Cut for 2440mm Level	S	mm	6805
Maximum Digging Reach	T	mm	12560
Maximum Digging Reach at Ground Level	U	mm	12180