

600 Poclain: a surprisingly simple machine with

Earthmoving large quantities, the 600 moves a maximum cubic meters per hour for the minimum price. These are the two economical factors that make you win the battle on your job-site.

To carry out bulk earthmoving, it is necessary to meet deadlines and be able to adapt to site conditions. Profitability depends on the suitability of the digging machine.

Thrust at bucket teeth, lifting capacity,

working range and reliability... The 600 makes your job-site profitable.

Engine: 607 hp
Weight: 120 tons
Shovel bucket capacity: 7 to 15 cu.yd
Digging force (shovel): 70 tons

Backhoe bucket capacity: 3 1/4 to 6 1/4 cu.yd (PCSA)

Just two pumps ensure the six basic functions of the 600. They are directly driven by the diesel engines, no clutches or cables. The high-torque, low-speed hydraulic swing motors are directly coupled to the external ring gear, no



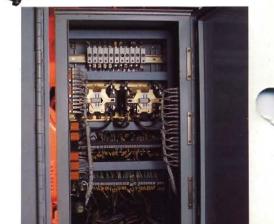


LUBRICATION: you can forget it! The Poclain 600 has a central lubrication system with an automatic timer or manual operation, according to the operator's choice. It is performed when the machine is running so there is no wasted time.

reduction gears.
Power is transmitted
through hoses and pipes,
no cables and no pinions. The
machine is of a modular design. The
modules are of small size, each one
easy to remove. All grease points on
the 600 are automatically lubricated.



The engines are easy to reach, service and remove, they rest on two independant cradles.



All electrical connections are conveniently located in a central cabinet for easy service.

nign periormances THE UPPERSTRUCTURE IS DESIGNED TO SIMPLIFY MAINTENANCE It features a retractable ladder, walkways all around and access to all maintenance components from the walkways. Inside the cowling, space is provided around each component for easy access. Several lights are displayed in the cowlings for easy night maintenance.

Poclain means comfort and productivity

Our cab on the Poclain 600 is the result of elaborate human factor studies. It provides comfort, ease of operation and a safe environment for the operator. The cab is fitted with two seats. All safety and operation controls are combined in a single dashboard with monitoring devices for temperatures, pressures, levels and emergency stop button.

The cab is air conditionned, the windows are tinted. The cab is sound-proof and vibrations are absorbed through rubber pads.

Protection

The cab is standard with FOPS system matching ISO norms. Windshield protection is also available. Access to the cab is through a rear door from the upperstructure walkway.



Visibility: one of the main features of the Poclain 600.

At work the operator's eyelevel is 4.00 meters (13'5") above the ground resulting in good visibility when loading into 85 ton trucks. As an option, its height can be increased to 4.60 m (15'1"). In addition the cab offers excellent rear vision. The front lower window is not tinted so that the aspect of the material is not altered. Special attention was given to night work conditions: four working lights on the upperstructure and two working lights on the attachments supply light for any type of night work.







