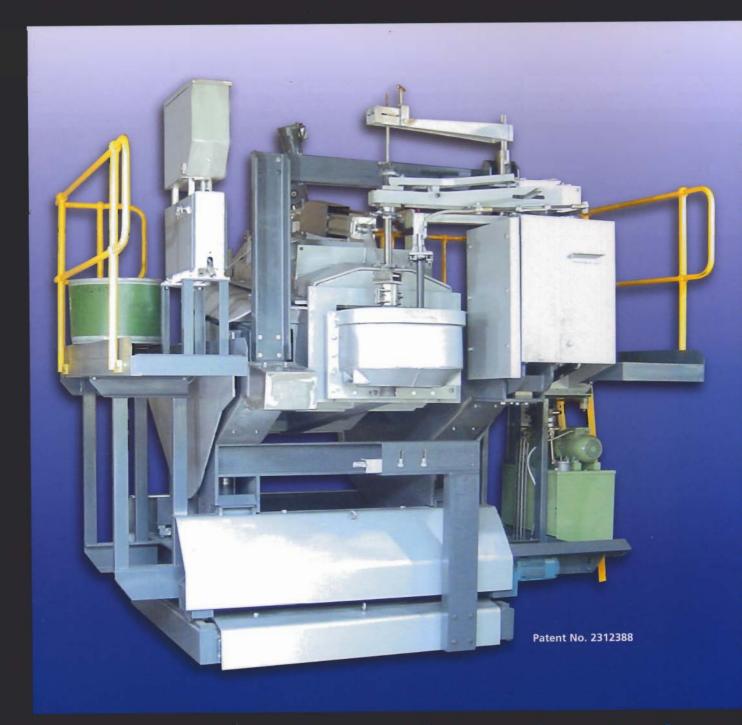
ParaPour



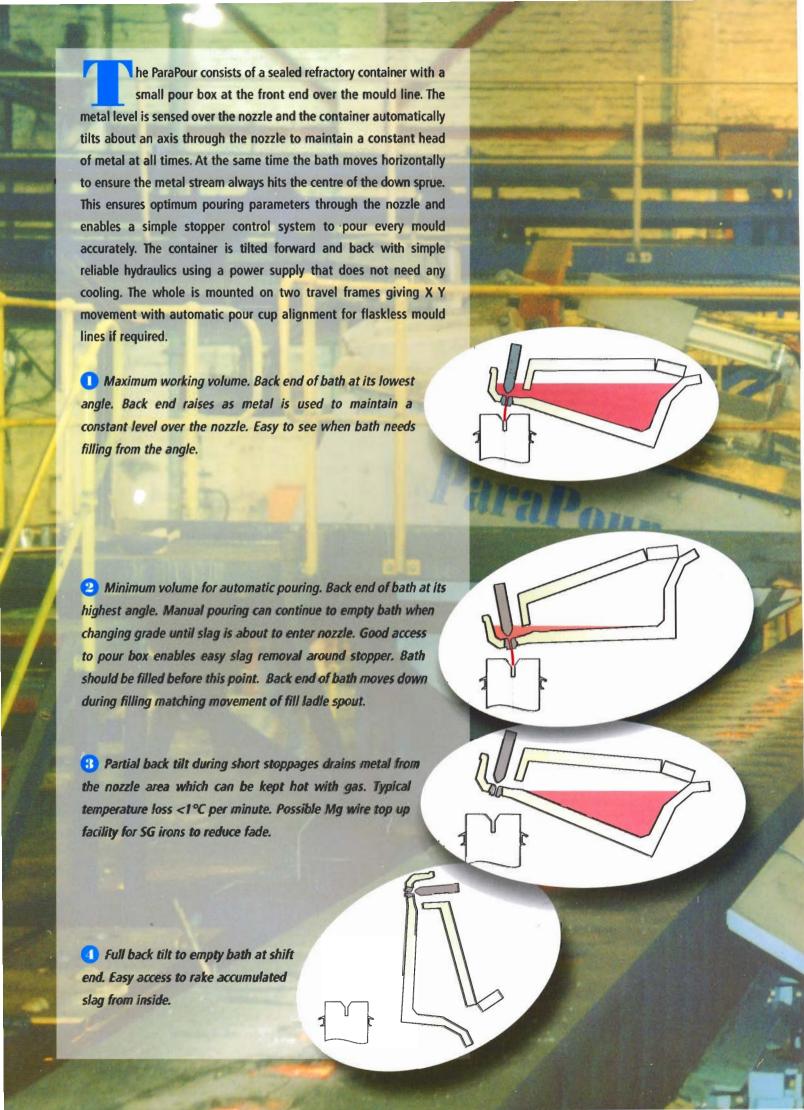
Automatic Unheated Pouring Unit

PFL

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imple closed loop pneumatic stopper control with force sensitive closed position. Pouring envelopes can be "taught" by manually pouring a mould and selectively trimmed to achieve the perfect pour every time. Curves can be stored for future use.

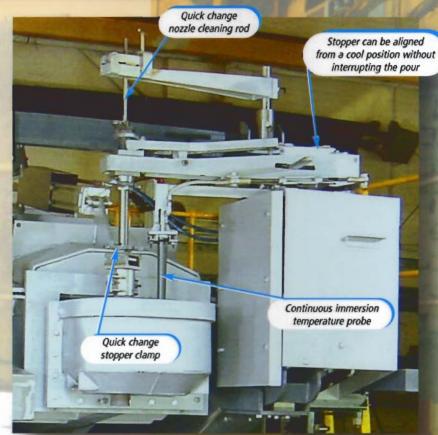
Automatic nozzle cleaning and stopper lapping between pours from 1 to 99 moulds.

Cleaning rod can be changed in seconds without interrupting the pour.

Stopper alignment can be easily adjusted from a cool safe position even during pouring.

Small pour box gives easy access to stopper area for sampling and cleaning.

Bodies can be supplied with back or side fill openings. Side fill may be arranged to coincide with existing hand pour monorail.







Fantingous pouring during filling

pecialised body burner can be used to heat lining to working temperature in minimum time. The burner head on its own swivel mount can be swung into position in seconds making it easy

to maintain body heat if emptied during shift.

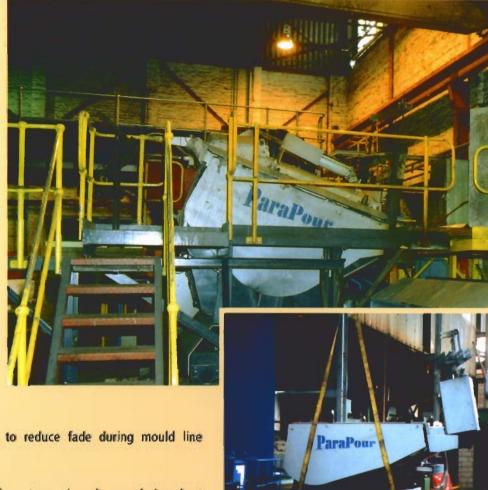
Bodies can be changed in minutes by removing four wedges and lifting away. Bodies can also be made in different sizes to fit in the same frame to accommodate different metal throughputs.

Pneumatically operated fill lid to maintain an inert atmosphere reduce and temperature loss.

Ideally suited to pouring highly alloyed and "dirty" irons because there are no spouts or other restrictions to accumulate slag.

Magnesium "top up" facility to reduce fade during mould line down time.

Automatic partial back tilt to clear stopper/nozzle area during short stoppages enables safe unattended operation, greatly increasing production flexibility. Temperature loss during holding has been measured at less than 1°C per minute.



Easy installation on floor mounted rails one side of the mould line



Easily installed Compact Control Desk with full colour touch sensitive screen

PFL Paraday Fabrications is an established foundry equipment company with long experience in designing, building and installing solid reliable equipment for major foundries and other similar customers.

GP Grenfell Associates has in-depth experience in designing, installing and operating hot metal and pouring equipment.

Design and build capability based on hard-nosed practical foundry operating skill and robust reliable workmanship forged in the harsh foundry environment.