



### **10/06/2007 - IMPACT: Our New Low Pressure Machine**

---

As a result of its continuous research and development programme, OMS Group is delighted to announce the launch of a brand new low pressure machine: IMPACT.

IMPACT is the result of OMS's will to meet customers' ever demanding requirements and needs by proposing a simple, user friendly setting machine parameters, status displays, pouring times, etc.

The electric control panel of this brand new series provides for the handling of sequential work cycles through a PLC which allows the control system to be standardised thus assuring the utmost reliability. Full control and operation of all machine functions is by a PLC which, in case of anomalies, gives an acoustic warning with a clear text message display identifying the related problem and possible solution.

A novel feature of the IMPACT design is the simplification of all maintenance tasks; in fact, all parts needing servicing (maintenance) are located at the back of the machine at a readily accessible position. Moreover, the installed PLC controls and automatically monitors the maintenance status of the machine by signalling maintenance operations identified by a colour code depending either on the number of either working hours or working cycles carried out.

Not only have new functional concepts been introduced, but also particular attention has been paid to aesthetic aspects by designing a compact machine taking very little factory space.

Impact is composed of 2 No 100 litres (each) capacity components tanks; a temperature control system with integral head exchangers; a metering group including inverter driven double seal gear metering pumps and related lubricant system and a cleaning circuit comprising a stainless steel tank for ecological solvent or water use depending on the components.

Connection between the machine and the mixing head are by flexible hoses particularly suitable for polyol and isocyanate. The mixing head is of the recycle type, duly sized for a specific output.