SPRAYING AND FEEDING SYSTEM FOR LIQUID AND SOLID ABRASIVE COMPOUNDS

LIQUID ABRASIVE COMPOUNDS

The best way of using liquid abrasive compounds is that of spraying them with low or high-pressure guns, by means of a centralized system, so as to obtain a light, regular and uniform supply.

The system types are two:

1) with pressure tank, from 50 to 100 litres;

Lay-out:

- Pressure tank with reducer, 50 litres (max pressure 8 atm)

or

- Pressure tank with reducer, 100 litres (max pressure 6 atm)
- Steel filter 1"
- Low pressure spray gun (2 models available) and related electro-valve

or

- High pressure spray gun (3 models available) and related electro-valve

2) with tank "siletto" (a pump is fixed on it)

Lay-out:

- "Siletto" (2 models available): polythene tank with strong steel frame
- Membrane pump

or

- Piston pump
- Steel filter 1,5"
- Low pressure spray gun (2 models available) and related electro-valve

or

- High pressure spray gun (3 models available) and related electro-valve

RPH®

SOLID ABRASIVE COMPOUNDS

The supply of solid abrasive compound is made by means of a pneumatic feeder, mod. COSMEC, applied on both manual and automatic polishing machines.

The feeder carries out the feeding on to rotating mops in such a way to obtain a perfect dosing, a correct pressure on the mop, less waste of unused compound and, in case of manual machine, it allows the operator to have both hands free.

The feeding control can be managed by a foot pedal or, as usually done on automatic polishing machines, by means of an electo-valve and timer, to obtain automatic and programmable feeding.

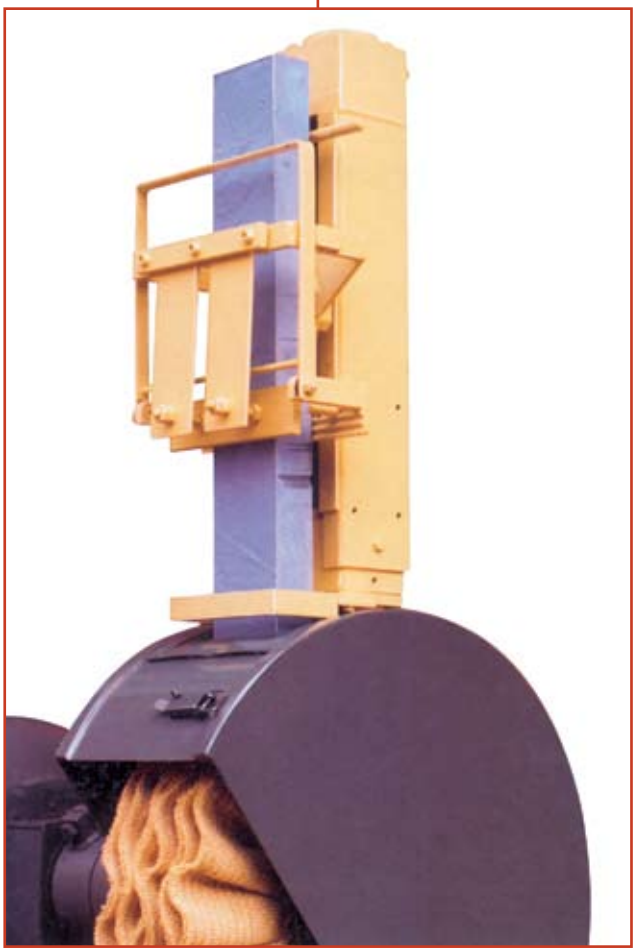
The feeding is effected by a double action pneumatic cylinder, that carries out the following operations:

A) lowering to the mop
B) slow return to position (to prevent the compound bar from a continuous contact with the mop).

Both the feeding speed (A) and the return (B) are adjustable by means of the valves placed on the top of the feeder, at the inlet of the cylinder.

By adjusting the cylinder stroke we can dose up the quantity of the compound to be fed in each single lowering. Also the feeding pressure can be adjusted.

The feeder can employ compound bars having the max dimensions of 160 mm., length 500 mm., height 50 mm.



Cosmec feeder