



Figure 1

Spraying Group

- the guns, anchored to oscillating supports, are adjustable in order to allow optimal orientation of the spraying zone
- the entire oscillating group is connected to the frame of the machine through pads which guarantee the absolute absence of vibrations, resulting in perfect paint quality on the workpieces
- the pressurization of the zone containing the oscillating mechanisms extends its life and requires little maintenance
- four (4) guns can be connected to one of the three (3) coating circuits
 - three (3) high pressure circuits with recycle for coatings
 - one (1) high pressure circuit (without return) for solvent
 - coating circuits have return hoses for quickly washing the circuit and for the recirculation of paint
- standard supply provides two (2) gun holding plates with quick disconnection system to allow fast replacing of the spraying unit

Note: *Pumps, guns and connection kit are excluded from the supply.*

Paper Unrolling and Rewinding System

- the unrolling system at the entrance and the rewinding device at the exit are designed to maintain constant tension of the paper, avoiding breakage even when it is soaked by the paint
- loading and unloading the support rolls are easy due to lateral pull out on wheeled carriers
- an independent vacuum hold down fan enables superior control of paper belt
- rewind station includes a self adjusting system to maintain a consistently flat paper belt transport (preventing overspray on back side of workpiece)

Ventilation System

- the balance between air intake and air exhaust allows the extraction of the overspray from the spraying booth
- clean intake air is guaranteed by an anti-dust filter set mounted on the oscillating unit
- a series of dry filters remove solid particulate from exhaust air stream
- inverter controlled exhaust air fan enables optimized extraction flow