



TECHNICAL DATA SHEET

SK1CP

Automatic complex for composite manufacturing waste compaction

► DESCRIPTION

Automatic complex SK1CP is used for waste compaction in composite manufacturing such as polyethylene, polyamide, ETFE, fluoroplastic, polyolefin etc. films; glass- and carbon fibers scraps and preregs on their basis; aluminum, polymer and glass-fiber honeycomb scraps; wastes of vacuum bags with sealant tape, absorbing and breathers, peel plies after autoclave processing and vacuum resin infusion, tubes and other elements of infusion processes.

Loading complex system, equipped with in feed hopper with inspection hatch, provides waste supply into the complex.

Depending on material compaction system allows processing efficiency of films, cardboards and wastes which is about 3-4 tons per hour, creating bales with adjustable sizes up to 800 x 870 mm.

The complex is tooled up with vertical auto-tie system of bales banding (hydraulic driven) laying 4 banding rods.

On the exit of waste pressed bales there is an unloading system with bale exit ramp for prepared bales.



► EQUIPMENT CAPACITIES:

Maximum compaction force:	50 tons;
Bale size, (height x width):	800 x 870 mm.
Installed electrical power:	22 kW – 30 HP
Number of compaction cycles:	3.2cycles per min.;
Loading chamber volume:	0.784 m ³ ;
Compaction specific pressure:	9 kg/cm ² ;
Absorption maximum volume:	150 m ³ /hour;





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► SIZE

Baler overall dimensions: 7,200 x 1,730 x 3,700 mm.

Baler overall weight: about 8,500 kg.

Loading inlet dimensions
(length x width): 1.400 x 800mm

► NOTE

The performance values may vary according to material entry density, feeding method and other parameters that are not controlled by complex automatically. Please contact us for more detailed information as well as for system development according to your technical specification.

Standard warranty period: 12 months.