ABSTRACT

SECTIONAL VACUUM SUCTION DEVICE

A sectional vacuum suction device has an upper and a lower header case detachably connected together to define an air space between them, a plurality of intermediate pipes detachably connected at upper ends to connection holes on a bottom of the lower header case, and a plurality of suction cups detachably connected to lower ends of the intermediate pipes. The intermediate pipes may be straight or bent pipes to always set the suction cups to a horizontal angulation best for contacting with the electronic elements. The upper header case is connected to an air compressor. A suction force is produced by the air compressor and transmitted to the suction cups for the same to suck and transport the electronic elements. Lower header cases with differently sized and arranged connection holes may be selectively connected to the upper header case for the vacuum suction device to transport differently sized electronic elements.

Fig. 1