

SOUTHLAND TOOL MFG. INC.

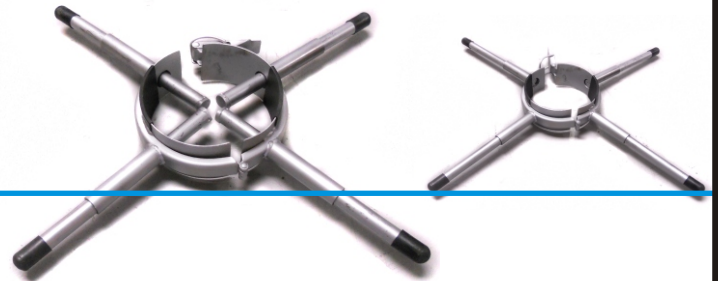
Building Innovative Tools for Municipalities



WHAT: The "Deep-Vac" manhole tube holder is a "Patent Pending" design presented by Southland Tool Mfg. to solve a constant and at times, dangerous situation.

WHY: Vacuum Tubes extending up in the air pose a safety and handling problem. Safety issues of touching electrical lines are the most dangerous and life threatening. Others are physical limitations as the weight of 40' of tube is over 130 lbs. Dropping or losing the vacuum tubes in a deep manhole requires retrieval and costly procedures for manhole entry. Tube assembly above ground is cumbersome and requires at least 3 workers, ropes or slings and much maneuvering.

How: Clamp the Deep-Vac around your tube in any location. The tube is then lowered into the manhole and supported by the Deep-Vac's 4 steel extension arms. Keep adding tubes and un-clamp the "Deep-Vac" holder and move up and over the next flange connection. As tubes become heavier you then connect the Combo's Suction Boom hose to the end tube to support the weight. At that point you un-clamp the Deep-Vac and move it above the next flange. With the boom lower the tube assembly until the Deep-Vac holder is on the ground. Add another tube and repeat the process.



"Patent Pending"

PART NUMBER: DTH-8 and DTH-6

DESCRIPTION: Deep-Vac Vacuum tube holder. "Patent Pending". Designed to support tubes for easy assembly in deep Manholes.

MATERIAL: Collapsible steel arms, Steel clamp with rubber gasket and feet.

Weight: 10 lbs.

SIZE: Designed for manholes for 24" to 36". Extensions available for larger openings.

STRENGTH: Able to support 50' and beyond.