

- Extra Heavy Duty
- Air Operated-Vacuum Loading
- High Solids Content Transfer

The Solidsvac SV70-SPDK is designed to reliably handle any flowable sludge and slurry and is ideally suited where submersible, centrifugal and diaphragm pumps are not a viable option.

Designed to offer the operator a one man vacuum recovery pressure discharge unit capable of recovering and transferring almost any flowable material, the extra heavy duty twin 75mm (3") suction and discharge knife gate valves deliver outstanding performance in the capture and transfer of heavy flowable sludges with high solids content.

100 % air powered, the all new compact, fully automatic, robust and fully mobile SV70-SPDK, generates 22.5"Hg+ of vacuum and can be used in a wide range of applications including mining and industrial.



Technical data

Air inlet:	13 mm (1/2" BSP)
Suction inlet:	75 mm (3")
Discharge outlet:	75 mm or 100 mm (3" or 4")
Suction lift:	7,9m @ 100cfm (26' 2" @ 100 cfm) 9,2 m @ 180 cfm (30' @ 180cfm) 11,5 m @ 230 cfm (37' 7" @ 230 cfm)
Air consumption options:	2,8 ³ /Min Jetpack (100 cfm Jetpack) 5,0 ³ /Min Jetpack (180 cfm Jetpack) 6,5 ³ /Min Jetpack (230 cfm Jetpack)
Delivery:	400+ m (1312+ ft)
Displacement cycle:	65 ltr (17 gal)
Operating pressure:	7 bar (max) @ 690 kPa (100 psi (max)) 4,5 bar (min) @ 448 kPa (65 psi (min))
Maximum solids:	50 mm (2")
Measured water throughput:	400 lpm (106 gpm)

- Vessel and valves manufactured in 316 stainless steel
- Individually adjustable load and discharge cycles

Weight and dimensions

Weight	130 kg (287 lb)
Length	1240 mm (45,8")
Width	650 mm (25,5")
Height	1150 mm (45")

General use

Mining
Drilling
Industrial
Agricultural
Municipal

APPLICATIONS INCLUDE

Drilling mud waste
Corrosive slurries
Noxious waste
Mine tailings
Raw effluent

OPTIONAL ACCESSORIES

Suction wand
Suction hose
Discharge hose
Duck bill vacuum head
Large capacity strainer
Dropbox
Delivery carousel

