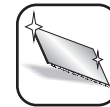


SS-IT EX (HY-C) HEPA

EXPLOSION PROOF / DUST IGNITION PROOF VACUUM CLEANER SYSTEM
PNEUMATICALLY (AIR) OPERATED, ON HYDRAULIC CART
SS-IT EX (HY-C) HEPA



Characteristics:



Stainless Steel



Explosion proof



Continuous duty



Coalescing Filter Element



Hydraulic Cart

CE 0081 Ex II 2 G/D EEx c IIC T6 (85°C)
LCIE 03 ATEX 6310

- Meets the requirements for Class I Groups C and D T6, Class II Groups E, F and G.
- Uses a venturi system to transform compressed air into powerful suction without the use of electricity. Tiger-Vac's venturi system has no moving parts and generates no heat for trouble free operation without wear.
- Equipped with a 6mm venturi jet. 5mm and 7mm venturi jets are available upon request to better suit specific compressed air availability and to provide the best performance for each application (vacuum vs airflow).
- For metal dust recovery into an immersion bath.
- Coalescent filter element for moisture removal (IT-CFE)
- To recover conductive and explosive dust into a liquid bath such as water, paraffin oil, mineral oil, etc. This unit, along with the Immersion Separator, renders any hazardous dust inert.
 - a) conductive dust, including aluminum, magnesium, zirconium, perchlorate powder or any other commercial alloys, especially when two or more metal dusts are combined together.
 - b) unspent gun powder, sulphur, heat powder, anode powders or any other explosive dust.
- This unit can be converted for the recovery of fuel, solvents and acids. For further details, please contact our technical representatives.
- All Stainless Steel AISI 304 construction (except cart).
- HEPA Filter efficiency of 99.995% @ 0.3 micron. Tested: IEST RP-CC001.3.
- Hydraulic cart allows for unit to be lifted upwards and emptied.

Model	Compressor size	Airjet	Air line size	Input Air pressure/bar	Suction intake Ø	Vacuum H ₂ O	Airflow	Recovery capacity (dry/liquid)
SS-IT EX (CFE) HY-C	30 HP	6mm	0.5"	80 PSI	38mm	170" H ₂ O	110 CFM	1 gal./5 gal 4 l / 20 l
	30 HP	6mm	0.5"	100 PSI	38mm	200" H ₂ O	95 CFM	

Dimensions: L49" (125cm) x W20" (51cm) x H51" (130cm). 259lbs (118kg)

Hydraulic cart:



Hydraulic cart allows for the unit to be lifted 36" (92cm) above ground so that contents can be emptied into a recovery container for disposal.



Included tools and accessories Ø1 1/2" (38 mm)



1	381400A	Kanaflex suction hose, SD*, Ø1.5" (38mm) x 10' (3m) (lose cuff with ring).
2	381364A	Wand Assembly with aluminum attachment, 2 pcs, stainless steel
3	381236	Universal Tool Assembly, SD*, 18" (46cm), aluminum with conductive brushes & rubber blades.
4	381372D	Crevice Tool, 11" (28cm), stainless steel
5	381185DA	Dusting Brush, with conductive brush, Ø 5" (13cm), aluminum with stainless steel adaptor.
6	383462D	Conical Nozzle with curved tip, 10" (25cm), conductive rubber with stainless steel adaptor.
7	211030	Air supply hose, SD*, Ø1/2" (12.7mm) x 50' (15m) with quick disconnect fittings (not shown)

*SD: Static Dissipative and Conductive

WARNING!

Only tools and accessories provided by Tiger-Vac shall be used with this vacuum cleaner. Any other tools used will render the warranty null and void any may cause an explosion which could result in bodily harm. Tiger-Vac will not assume any responsibility for damage that may occur due to the improper use or handling of the vacuum cleaner system.



Arc Technologies

Worldwide Technology For Controlled Environments

Web site: www.arctechnologies.co.uk

email: achambers@arctechnologies.co.uk

Tel: +(44)0115 928 1508