

DEK-VAC™

Environmentally Responsible Spill Recovery



DEK-VAC™
ENVIRONMENTALLY RESPONSIBLE
HAZARDOUS AREA SPILL RECOVERY
FOR INDUSTRY



DEK-VAC™ is a cart based vacuum- spill recovery system that quickly collects, captures and facilitates disposal of deck and equipment spills of hazardous liquids for industrial operations.

The system is mobile, lightweight pneumatic and powered by utility air.

The DEK-VAC can be used to clean up deck and equipment based spills for:

- Crude Oil
- Diesel
- Chemicals
- Hydraulic Fluid
- Jet A

And many other industrial spills in hazardous areas.

DEK-VAC™ spill clean-up and recovery eliminates the need for spill kit particulate and absorbent pads.

THE DEK-VAC™ is environmentally friendly and far less labor-intensive than current manual spill recovery methods.

THE DEK-VAC™ is safe for hazardous area use and is powered by plant utility air or other pneumatic air supplies.

Recovery & Containment

- *38 gallon drum recovery vessel*
- *“Quick connect” CAM LOK fittings on drum and hoses*
- *18” surface recovery tool and wand extension with replaceable neoprene squeegee blades and height adjustment for multi-surface operation*
- *30’ of 2” vacuum hose*
- *Lightweight Cart with Hard rubber Wheels*

Service Rating & Power

- *Gast Vacuum motor 100psi supply with max 175SCFM*
- *Gast Belt Driven Aluminum Rotary vane blower rated max 4500rpm*
- *High speed recovery of low - medium viscosity materials and small solids from distances up to 40 ft.*
- *Vacuum rated at 14 inches of mercury at 175 cfm (Base unit)*
- *Conductive non metallic pipe & valve system for vacuum & discharge control*
- *Drum stored 30’ 3.4” ID pneumatic hose with crow's-foot connectors*

DISADVANTAGES OF CURRENT DECK SPILL RECOVERY METHODS:

Current spill kit pads and particulate absorbent recovery methods utilized for spill clean-up are environmentally and fiscally unfriendly for the following reasons:

- Purchase costs (bulk purchase of particulates and pads)
- Costs associated with transportation
- Storage costs
- Manual application and storage of the contaminated material
- Costs associated with Transportation for disposal
- Costs associated with disposal (usually landfill)

THIS ALL RESULTS IN A POOR ENVIRONMENTAL FOOTPRINT

EXAMPLE: SPILL RECOVERY METHODS Vs. DEK-VAC:

Pads and Absorbents - 55 gallon spill requires:	
(28) 50lb bags of particle absorbent @ \$5.00 per bag	\$140.00
Generates (4) 55 gallon drums of disposable waste @ \$500 per drum	\$ 2000.00
Transportation Costs to transport to disposal site	up to \$ 1000.00
Absorbent particle disposal cost	up to \$4000.00

DEK-VAC® - 55 gallon spill:	
• Requires NO pads or absorbents	
• Recovers and contains liquid and small debris spills to mobile containment	
• Reduces response man power and recovery time by 50-80%	
• Recovered materials may be recycled onsite via closed drains or offshore hydro cyclone	
• Offsite liquid recycle or disposal (fuels)	\$ 100.00

***DEK-VAC OFFERS THE FOLLOWING ADVANTAGES
OVER CURRENT PAD AND PARTICULATE SPILL
RECOVERY METHODS:***

- Eliminates pads and absorbents and associated costs for purchase, transportation, storage and disposal
- Cuts disposal waste by +/- 75%
- Facilitates recycling rather than disposal
- Reduces environmental noncompliance risk
- Reduces production downtime and labor cost
- Lowers HAZMAT compliance cost
- Reduces personnel exposure to hazardous materials
- Enhances corporate environmental profile & reputation

DEK-VAC OFFERS THE FOLLOWING ADVANTAGES OVER CURRENT PAD AND PARTICULATE SPILL RECOVERY METHODS:

- **No CAPEX**: DEK-VAC is offered on 'lease' basis only. As an operating cost DEK-VAC is tax deductible
- Advantageous low cost lease arrangements with free unit replacement option at end of lease term (under \$1000 per month over three year term)
- Full availability of spares on immediate availability (virtually no lead time)
- Modular self contained with low weight & small footprint
- Operates on utility air and is safe for use in all hazardous areas
- Simple reliable mechanical design offers high reliability
- Uses non ferrous design & components

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**DEK-VAC™
OFFERS A STEP CHANGE IN
HAZARDOUS MATERIAL WASTE
HANDLING, RECOVERY AND DISPOSAL
FOR INDUSTRY**

