

KEY FEATURES



- Designed to remove and reinstall electrical conductor
- Pull aged electrical conductor in "CIC" installations
- Pull in new electrical conductor in "CIC" installations
- Wireless Remote Control of pulling functions.
- Portable design allows access to small spaces.
- Low compaction - with turf tires the traction unit can be driven over lawns and landscaping.
- Can be driven on public roadways
- Capable of navigating rough terrain
- Injects lubrication the entire length of the pull
- Coils removed conductor for easy handling
- Removed conductor can be dumped from Witches Hat
- Collapsible reel for pull tape
- Support legs for flat or curved wall enclosures.
- Lubrication Injection Assembly can be set in place near pull location.
- Traction unit width 71"
- Lubrication Injection Assembly width 63"
- Idler reach 120" Horizontal
- Idler reach 72" Vertical below grade
- Witches Hat reach Vertical 102"
- Witches Hat reach 22"
- Final Tier 4 emissions compliant



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Tractor Mounted Underground Electrical Conductor Extraction & Installation System for C.I.C. "Cable in Conduit"

KEY COMPONENTS



Portable Lubrication Injection Assembly

John Deere 3033R 4WD Compact Utility Tractor with

- 33 Hp Diesel Engine
- Turf Tires
- Hydrostatic Drive Transmission
- Tier 4
- John Deere - H165 Front Loader
 - Hydraulic load check valves on all functions
- John Deere - 385 Backhoe
 - Hydraulic load check valves on key functions



Witches Hat with GMP Collapsible Reel



Lubrication Injection Manifold



Wireless Remote Control Hydraulic Valve

KMS Innovations ENR1500A Electrical Conductor Extraction and Installation System with (patent pending)

- KMS LFH975SS Loader Frame and Witches Hat Assembly
 - Skid Steer mount frame
 - Hydraulic drive motor
 - 48" diameter Witches Hat
 - Top mounted Bayonet with GMP collapsible reel
- KMS - ENR385D Backhoe Dipper Stick Assembly
 - 16" Center mounted lower idler w/15 degree rotation capability
 - 16" Top guide idler
 - Linear counter
 - Backlash guard
 - Vault wall/floor support leg
- KMS - HVGC3R Remote Control Hydraulic Valve Assembly
 - Emergency ON/OFF button
 - 4" Pressure gauge
 - Wireless remote control (rotation direction and flow)

- KMS - GCLR63SS Portable Lubrication Injection Assembly
 - Portable cage w/ Skid Steer Mount
 - 25 HP diesel engine
 - 40CFM 150 PSI rotary compressor
 - 10 KW generator
 - 35 gallon wire-lube tank
 - 120 volt lube pump
 - 50' dual hose reel with conduit adaptor
 - Electronic Flow Meter
 - 10 gallon diesel fuel tank
 - 4 work lights
- KMS - ENR3RDT ROPS Mounted Drip Tray Assembly and Roller
 - Two Covers (1 over Tractor and 1 over Backhoe operator stations)
 - Adjustable tilt angle
 - Dump valve w/hose
 - Moveable Fairlead Roller

