



MKT EXCAVATOR MOUNTED LEAD SYSTEM



MKT EXCAVATOR MOUNTED LEAD SYSTEM OVERVIEW:

- 20' base section for low-headroom applications
- Up to 45' overall length of 8" x 26" box leads
- 17,000 lb line pull TOOL winch, 34,000 pound line pull w/ cable 2-parted
- 12,000 lb line pull SERVICE winch for various hoisting requirements (piling, auger flighting, etc.)
- 8' vertical travel assembly
- 10° side-to-side adjustment for lead/pile plumbing
- Fore/aft capability (engineering review required based on tool & pile weight)
- Head sheave assembly & boom adapter
- Powered by excavator's hydraulics
- Modular system designed to fit specific customer needs
- In cab, operator friendly joystick controls for system functions

MKT ELS 26-45 VT SYSTEM EXCAVATOR REQUIREMENTS:

- Excavator weight (includes stick & bucket cylinder...weight does not include bucket) = 110,000 lbs
- Auxiliary Circuit hydraulic flow required = 100 to 150 gpm
- Maximum hydraulic pressure required = Up to 5075 psi (depending on tool being used in ELS system)
- 24 volt negative ground electrical system

MKT ELS COMPONENTS WEIGHTS:

- 20' base section (12,000 lbs) - includes boom adapter, vertical travel system, hydraulic control valve, tool and service winches.
- Complete ELS 26-45 VT system with 45' overall length of 8" x 26" box leads and head sheave assembly (17,000 lbs)

TOOLS AVAILABLE FOR USE IN MKT ELS SYSTEM:

- MKT HA-18 hydraulic auger system without flighting (2,250 lbs)
- MKT HVA-40 variable torque hydraulic auger system without flighting (3,500 lbs)
- MKT V-5E hydraulic vibratory hammer (does not include side-clamp assembly) (6,200 lbs)
- MKT V-22 hydraulic vibratory hammer (8,750 lbs)
- D-19 single-acting diesel hammer with cap and striker plate (11,365 lbs)
- D-30 single-acting diesel hammer with cap and striker plate (18,005 lbs)

**When using the MKT HVA-40, MKT V-22 and the D-30 pile hammer tools, the main winch line must be 2-parted.