**Microtunnel Boring Machines (MTBMs)**

**SL30C, SL34C, SL36C**

### Specifications

**SL30C**
- **Outside Diameter/Max. Pipe OD:** 30-in (762 mm)
- **Starting Section/Total Length:** 130/257-in (3,302/6,528 mm)
- **Heaviest Section/Overall Weight:** 10,000-13,000 lbs (4,536-5,897 kg)*
- **Overcut:** 1.5-in (38 mm)
- **Drive Type:** Electric, 575 volt, 3-phase
- **Drive Motor:** 75 HP (56 kW), water-cooled, electric motor with VFD
- **Cutter Head Speed/Torque:** 0-13 rpm, 30,500 ft-lbs (41,353 Nm) continuous
- **Steering Control System:** 3 points
- **Camera:** Passive target, MTBM maintenance
- **Control System:** Akkerman Gen. 2/3 with Ethernet
- **Hydraulic Power Pack:** 2 HP, 480 Volt, 3-phase
- **System Flow:** 0.50 gpm
- **Steering System:** 7,250 psi max. (500 bar)
- **Torque Wing System:** 5,000 psi max. (345 bar)
- **Slurry Booster Pump:** 15 HP (11 kW) Sanko
- **Submersible Pump:** 2 HP, 480 Volt, 3-phase
- **Flow:** 18.5 gpm max. @ 300 ft head (130 psi)
- **Jetting Nozzles/Recommended Pressure:** 6 / 2,300 psi

**SL34C**
- **Outside Diameter/Max. Pipe OD:** 34-in (864 mm)
- **Starting Section/Total Length:** 125/253-in (3,175/6,426 mm)
- **Heaviest Section/Overall Weight:** 12,000-16,000 lbs (5,443-7,257 kg)*
- **Overcut:** 1.5-in (38 mm)
- **Drive Type:** Electric, 575 volt, 3-phase
- **Drive Motor:** 75 HP (56 kW), water-cooled, electric motor with VFD
- **Cutter Head Speed/Torque:** 0-11 rpm, 35,000 ft-lbs (47,454 Nm) continuous
- **Steering Control System:** 3 points
- **Camera:** Passive target, MTBM maintenance
- **Control System:** Akkerman Gen. 2/3 with Ethernet
- **Hydraulic Power Pack:** 2 HP, 480 Volt, 3-phase
- **System Flow:** 0.50 gpm
- **Steering System:** 7,250 psi max. (500 bar)
- **Torque Wing System:** 5,000 psi max. (345 bar)
- **Slurry Booster Pump:** 15 HP (11 kW) Sanko
- **Submersible Pump:** 2 HP, 480 Volt, 3-phase
- **Flow:** 18.5 gpm max. @ 300 ft head (130 psi)
- **Jetting Nozzles/Recommended Pressure:** 6 / 2,300 psi

**SL36C**
- **Outside Diameter/Max. Pipe OD:** 36-in (914 mm)
- **Starting Section/Total Length:** 139/261-in (3,531/6,629 mm)
- **Heaviest Section/Overall Weight:** 14,000-18,500 lbs (6,350-8,391 kg)*
- **Overcut:** 1.5-in (38 mm)
- **Drive Type:** Electric, 575 volt, 3-phase
- **Drive Motor:** 75 HP (56 kW), water-cooled, electric motor with VFD
- **Cutter Head Speed/Torque:** 0-11 rpm, 44,000 ft-lbs (59,656 Nm) continuous
- **Steering Control System:** 3 points
- **Camera:** Passive target, MTBM maintenance
- **Control System:** Akkerman Gen. 2/3 with Ethernet
- **Hydraulic Power Pack:** 2 HP, 480 Volt, 3-phase
- **System Flow:** 0.50 gpm
- **Steering System:** 7,250 psi max. (500 bar)
- **Torque Wing System:** 5,000 psi max. (345 bar)
- **Slurry Booster Pump:** 15 HP (11 kW) Sanko
- **Submersible Pump:** 2 HP, 480 Volt, 3-phase
- **Flow:** 18.5 gpm max. @ 300 ft head (130 psi)
- **Jetting Nozzles/Recommended Pressure:** 6 / 2,300 psi

*Actual weights may vary based on specific configuration.

Akkerman reserves the right to improve its products without notice or obligation.
Cutter Heads Options*

*Cutter heads can be configured to suit project demands.