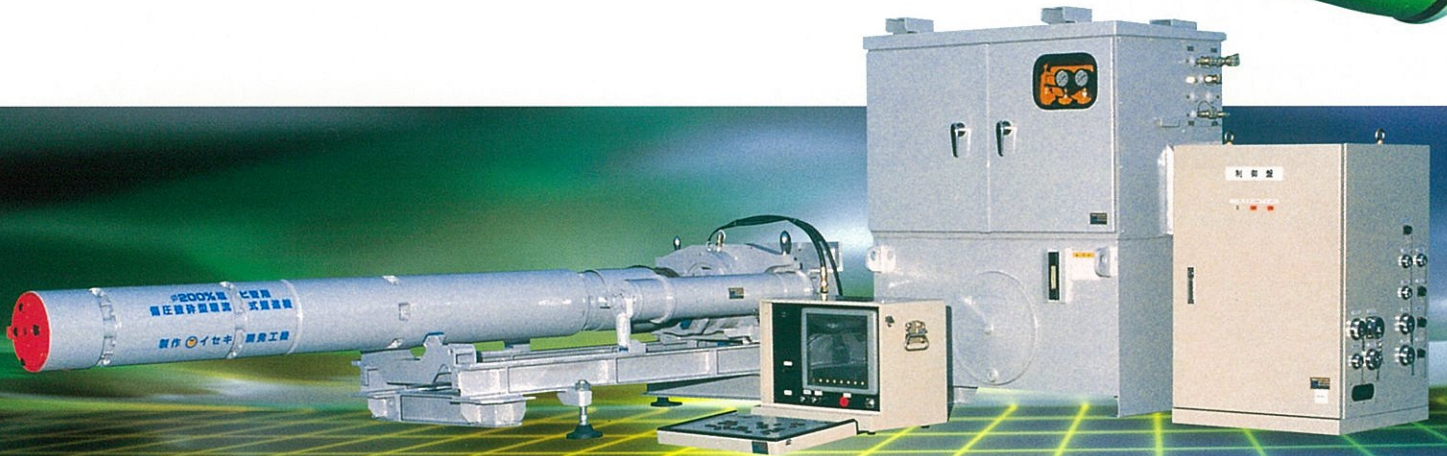


## *Microtunnelling Machine for PVC Pipejacking*



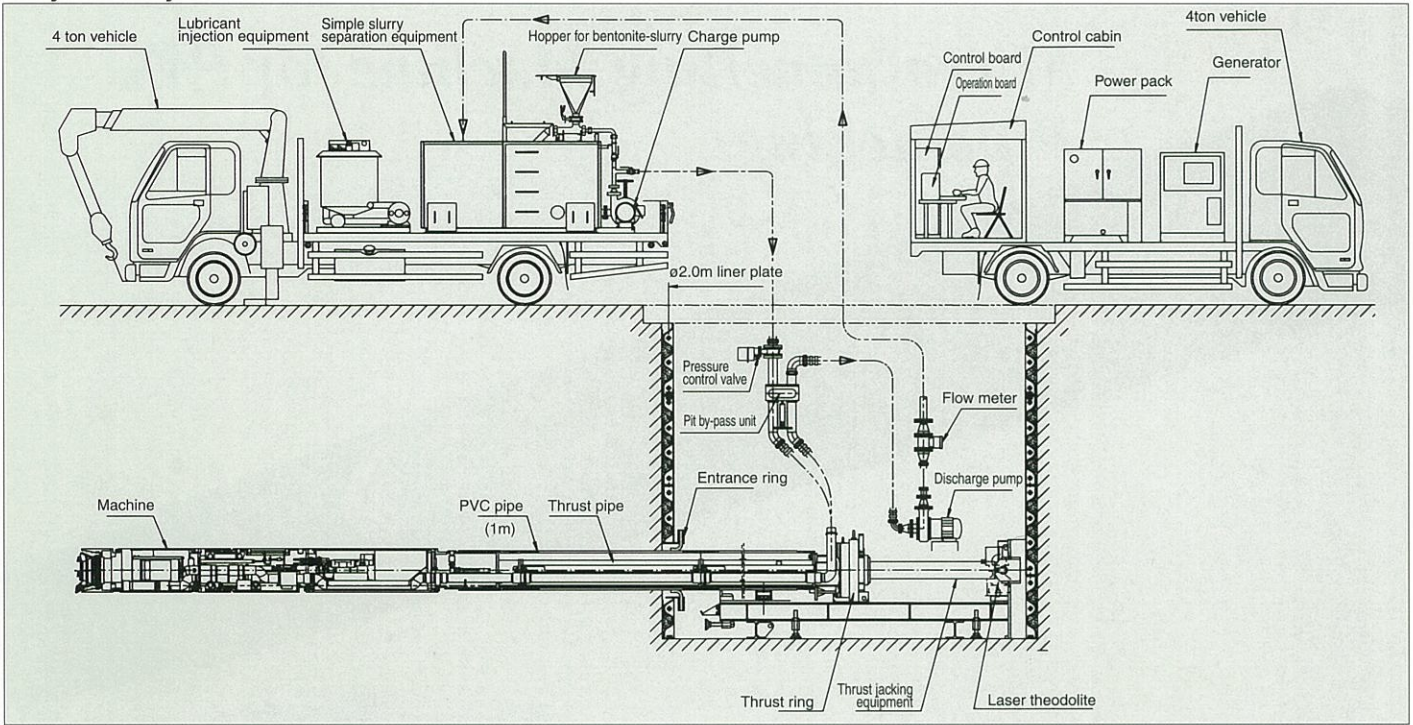
## TCV-200-250

### Features of UNCLEMOLE V System

- 1) UNCLEMOLE V can start jacking in split modules from a 2.0m-in-diameter shaft.
- 2) UNCLEMOLE V can be split into 4 modules allowing the size of the shaft to be reduced and the machine to be retrieved in modules from an existing manhole.
- 3) The system can achieve a jacking distance of approx. 100m in one span.
- 4) UNCLEMOLE V can excavate ground of boulders content up to 40%.
- 5) UNCLEMOLE V can cope with boulders size up to 65mm (for TCV-200).
- 6) Desk-top type operation board is compact and easy to operate. Touch panel screen displays the jacking data (TV monitor, jacking control information etc).
- 7) Jacking data can be saved and read. (Option)

# SLURRY SHIELD MACHINE FOR PVC PIPEJACKING!!

## System Layout



## Specifications

### Machine



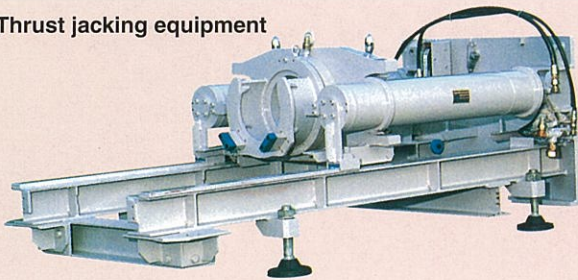
Model	TCV-200	TCV-250
Nominal diameter (mm)	200	250
Tail void (mm)	12	11.5
Machine OD (mm)	240	290
Machine Length (mm)	2,473	2,520
Electric motor (kW)	0.4	0.75
Torque (kN-m) 50Hz	0.67	1.25
60Hz	0.58	1.04

### Thrust pipe



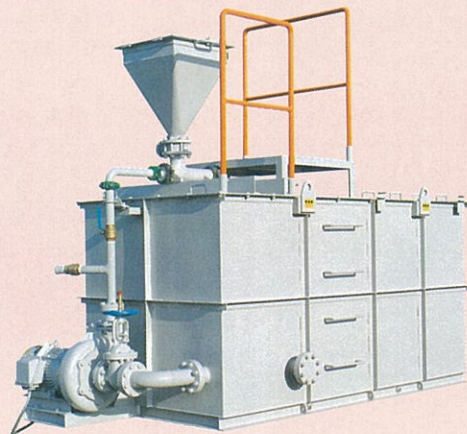
Length (mm)	1,000
Weight (kg)	19.5 (except slurry pipes)

### Thrust jacking equipment



Model	HT-40T
Length (mm)	1,802
Width (mm)	795
Height (mm)	580
Thrust force (kN)	400

### Simple slurry separation equipment



Dimensions	1.5m×2.3m×3.2m
Tank capacity	2m <sup>3</sup>
Weight (kg)	1,000

Note: The above specifications are subject to change without notice.



Designed and manufactured by

**ISEKI POLY-TECH, INC.**  
Underground Services

Akasaka Community Bldg. 1-1-8 Motoakasaka, Minato-ku, Tokyo

107-0051 Japan E-mail: [overseas@iseki-polytech.com](mailto:overseas@iseki-polytech.com)

Tel: +81-3-5786-9212 Fax: +81-3-5786-9219