



ISEKI
ISEKI POLY-TECH, INC.

TCK SERIES

TCK-ID Φ 1200~3000mm

***CUTTER FACE CAN BE DESIGNED / MODIFIED
UPON VARIOUS KIND OF SOIL CONDITION !!***



CONVERTIBLE CUTTER HEAD (Optional item)

Advantage of using TCK Series

1. TCK can cope with wide range of ground condition, such as hard rock, gravel and cobbles, and sand and silt.
2. Cutter head is changeable to fit with another project condition.
3. Maintenance work is not required as much as another Unclemole Series.
4. Roller cutter can be replaced from cutter chamber through man lock.
5. TCK is remote controlled via one man operation on board
6. TV monitoring and steering control are always carried out on operation board to maintain good levels of accuracy.



Model		TCK 1200	TCK 1500	TCK 1800	TCK 2000
1. Dimensions					
Nominal I.D.(mm)		1200	1500	1800	2000
Outside diameter (mm)		1490	1800	2140	2430
2. Cutter head					
Drive motor		11kw×4 No	22kw×4 No	22kw ×4 No	37kw × 4 No
Torque (50Hz) (kN-m)		82.0	160.0	320.0	400.0
Revolution speed(50Hz) (r.p.m)		5.2	5.3	2.6	3.6
Allowable earth pressure (kN-㎡)		500	500	500	500
3. Steering Jack					
Trust Force (kN×n)		430×4	820×4	1240×4	800×8
Steering Angle	U/D	2.0°	2.0°	2.5°	2.0°
	L/R	2.0°	2.5°	3.0°	2.0°
4. Slurry transportation					
stop valve	Charge line	4"	4"	6"	6"
	Discharge line	4"	4"	8" *	8" *
By-pass valve		4"	4"	6"	6"

Line Crusher	
Crush type	Cone crusher
Eccentric rotation (50Hz) (r.p.m)	11.5
Power source	11kw
crushed size (mm)	less than 50
Allowable max size of gravel(mm)	120

* after line crusher, 8" →6"



Design and manufactured by

ISEKI POLY-TECH, INC.

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