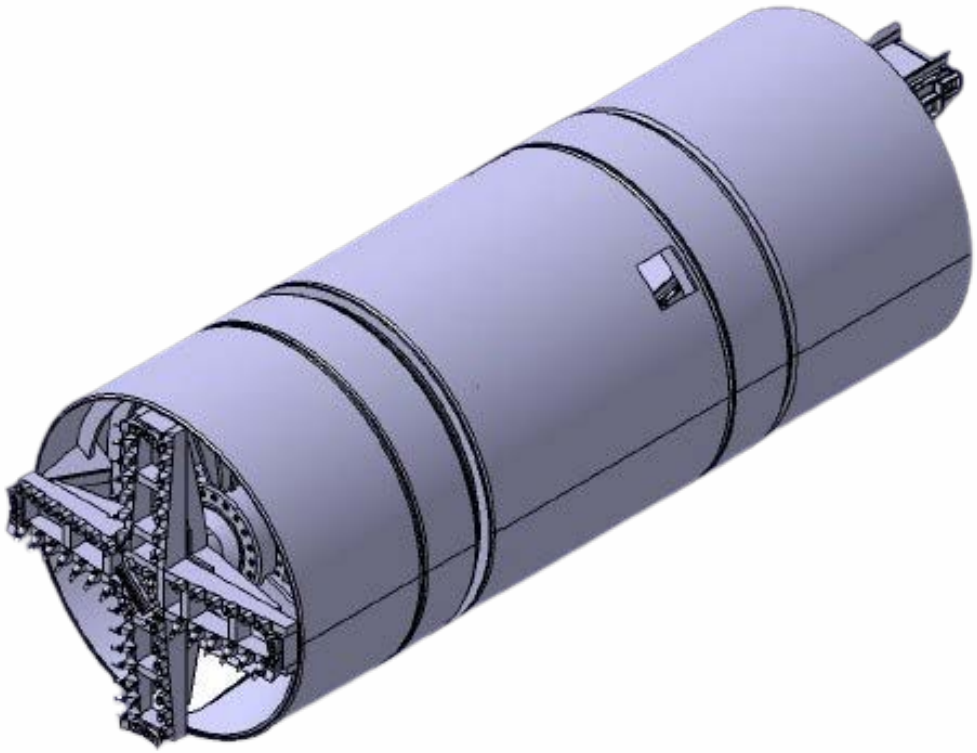
تونل ساز ماشین
TUNNEL SAZ MACHINE (L.T.D)

TSM 2200

Open Mode Type

Technical Specifications Catalog



Unit 12, No. 18, Second Avenue (Pajouheshgah), Bucharest Ave, Argentina Square, Tehran, Iran | Phone : +98 21 88 53 46 30 - 1 | Fax : +98 21 88 73 90 49

TECHNICAL SPECIFICATIONS

Machine Type	TBM 2200	
Total Tunnel Length	---	
Installed Power	75	KW
Length TBM + Conveyor	6.7 approx.	m
Weight TBM + Conveyor	14.3 approx.	t

MACHINE DIMENSIONS

Front Shield (Diameter)	2230	mm
Front Shield (Length)	2190	mm
Primary Shield (Diameter)	2230	mm
Primary Centre Shield (Length)	2780	mm

CUTTING WHEEL

Bore Diameter	2270	mm
Weight (With Tools)	1.5 approx.	t
Disc Cutters (Double Ring)	0	
Disc Cutter Diameter		
Cutting Bits	62	
Centre Tool	10	
Buckets	4	
Wear Protection	Yes	

CUTTING WHEEL

Type	Hydraulic	
Motors	1	No.
Power	65	kW
Speed	0 - 8	l/min
Torque (Nominal)	80	kNw
Breakaway Torque	90	kNm
Maindrive Diameter	700	mm
Thrust Force Max.	300	kN

THRUST CYLINDER

No. of Steering Cylinders	4	Nos.
Stroke	300	mm
Steering Power Per Cylinder @ 80 Bar Push / Pull	98/41	kN

MOVE CYLINDER

No. of Steering Cylinders	2	Nos.
Stroke	300	mm
Steering Power Per Cylinder @ 80 Bar Push / Pull	118/75	kN

ANTI ROLL CYLINDER

No. of Steering Cylinders	2	Nos.
Stroke	50	mm
Steering Power Per Cylinder @ 80 Bar Push / Pull	184/75	kN

HYDRAULICS

Total Power	75	kW
Tank Volume	250	l

BELT CONVEYOR

Length	5700	mm
Width	400	mm
Power	4.5	kW
Belt Speed	1	m/s
Conveyance Rate	28	ton/h