

## 0.2 TBM DESCRIPTION

TBM Model	RME306SE Series 20700
Type	MIXED FACE TBM
Excavation Modes	Closed (pressurized-EPB) – Screw Conveyor Only

## 0.3 TBM BASIC DIMENSIONS

Cut Diameter:	7,802 m
Bore Diameter:	7,777 m
Shield Diameter:	7,764 m
TBM Length	10 m Nominal
TBM + Back Up Length:	108 m Nominal
TBM Weight:	501 tonne, approximately
TBM + Back Up Weight:	681 tonne, approximately



## 1.0 CUTTING HEAD

### 1.1.0 Mixed Face Cuttinghead

#### 1.1.1 6 No. Spoke Design

#### 1.1.2 Cutting face opening of: 27.3%

#### 1.1.3 12 No. Flood Control Doors for face isolation and ground control, flood doors c/w position indicators

#### 1.1.4 Abrasion Resistant Chromium Carbide Plating on Cuttinghead Face and Rim

#### 1.1.5 6 No. Injection Ports located on the Cuttinghead Face

#### 1.1.6 2 No. Injection Port located on the Cuttinghead Rim

#### 1.1.7 Grizzly bars max spacing 350 mm

## 1.2 Cutting Tools

#### 1.2.1 44 No. Backloading Twin Tip Removable Ring Disc Cutters, 394 mm diameter, 25 tonne capacity, interchangeable with Lovat Ripper Teeth

#### 1.2.2 12 No. Backloading Twin Tip Monoblock Ring Disc Cutters, 394 mm diameter, 25 tonne capacity, interchangeable with Lovat Ripper Teeth

#### 1.2.3 56 No. Backloading Lovat Ripper Teeth c/w carbide inserts and hardfacing, interchangeable with Twin Tip Removable Ring Disc Cutters