



# SANDVIK TC790 SHUTTLE CAR

PRODUCT LEAFLET





## TECHNICAL DATA

	TC790 (STANDARD)	TC790 (OFF-STANDARD)
Operator cabin position	Left side	Right side
Main electrical enclosure position	Left side	Right side
Loading capacity (m <sup>3</sup> /yd <sup>3</sup> )	17/22.24	
Payload (kg/lb)	18,000/39,683	
Overall machine length (mm/in)	9,280/365.4	
Overall machine width (mm/in)	3,480/137	
Overall machine height (mm/in)	2,230/87.8	
Total installed power (kW/hp)	233/317	
Supply voltage (V)	1000/1100/1140 / (50Hz)	
Cable reel capacity (m)	up to 240/787.4	
Ground clearance (mm/in)	360/14.2	
Wheel base (mm/in)	2,700/106.3	
Inside turning radius (mm/in)	3,040/119.7	
Outside turning radius (mm/in)	7,450/293.3	
Engine	AC motors	
Speed, max. (km/h / mph)	9.6/5.97	
Tires (in)	14.00 - 23	
Operating weight, empty (kg/lb)	30,000/66,139	
Conveyor width (mm/in)	1,422/56	
Discharge height, boom down (mm/in)	645/25.4	
Discharge height, boom raised (mm/in)	1,410/55.5	
Loading height, low loading end (mm/in)	885/34.8	
Loading height, high loading end (mm/in)	1,135/44.7	

## SANDVIK TC790 SHUTTLE CAR

Sandvik electric flameproof (FLP) shuttle cars are designed to support high-capacity continuous miners, roadheaders and bolter miners.

Their purpose is to receive, transport and discharge the cut material easily, quickly and efficiently. With a very short turning radius, large capacity and quick discharge time, they are fast, highly maneuverable and extremely productive partners.

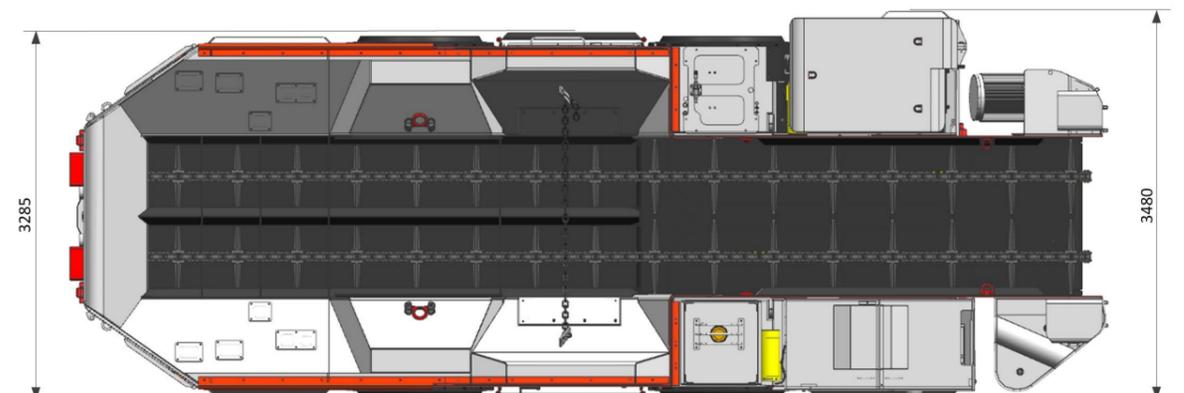
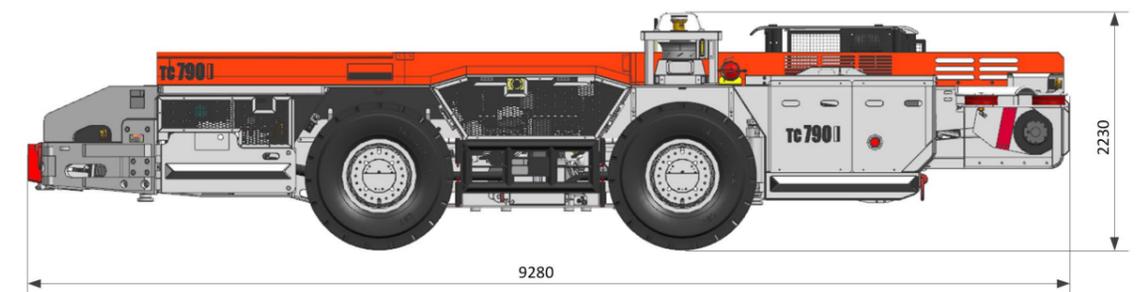
The machines are in flameproof design according to country regulations, including:

- MA (China)
- DGMS (India)
- GOST (CIS)
- ANZEX (Australia)
- ATEX (Europe)
- SANS (South Africa)

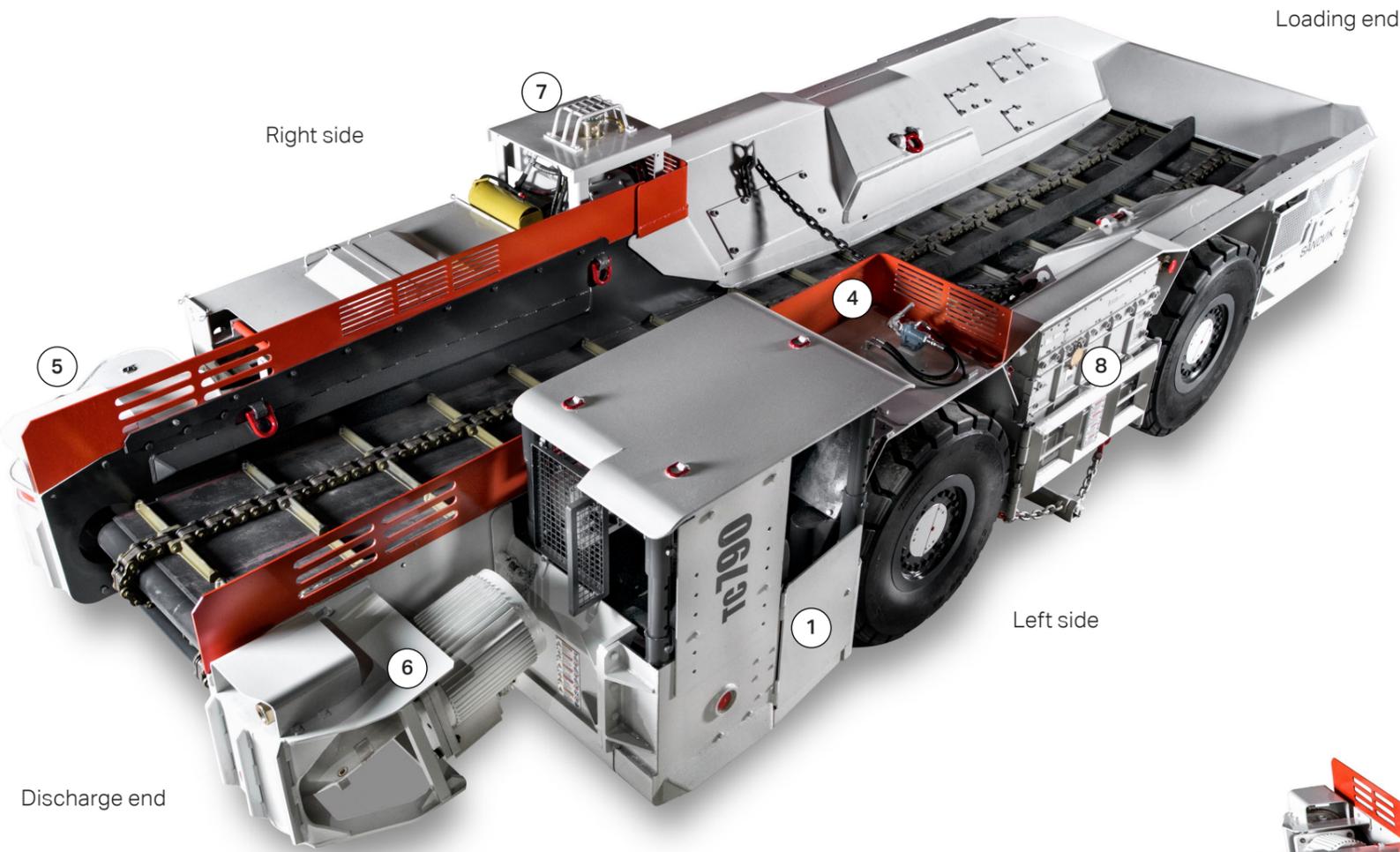
### KEY FEATURES AND BENEFITS

- ✓ Designed to be operated in mid-to-high seam operations
- ✓ Maintenance reduced AC-motors
- ✓ Excellent turning capability offers easy maneuvering
- ✓ Suspension seat offers increased operator comfort
- ✓ Optional independent wheel suspension provides higher car speeds and improved operator comfort
- ✓ Max. payload up to 18,000 kg

### DIMENSIONS

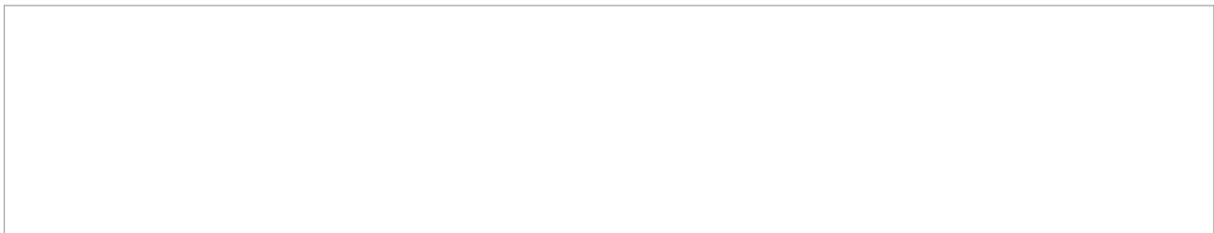


# KEY COMPONENTS AND FUNCTIONS OF TC790 STANDARD SHUTTLE CAR



- ① Operators cabin (FOPS tested)
- ② 4-wheel drive and steering
- ③ Dual-chain conveyor
- ④ Manual brake release
- ⑤ Cable reel with trailing cable capacity up to 240m
- ⑥ Conveyor drive
- ⑦ Cooling system
- ⑧ Main electrical enclosure
- ⑨ Variable frequency drive (VFD) motor
- ⑩ Service jacks





Sandvik Mining reserves the right to make changes to the information on this data sheet without prior notification to users.  
Please contact a Sandvik representative for clarification on specifications and options.