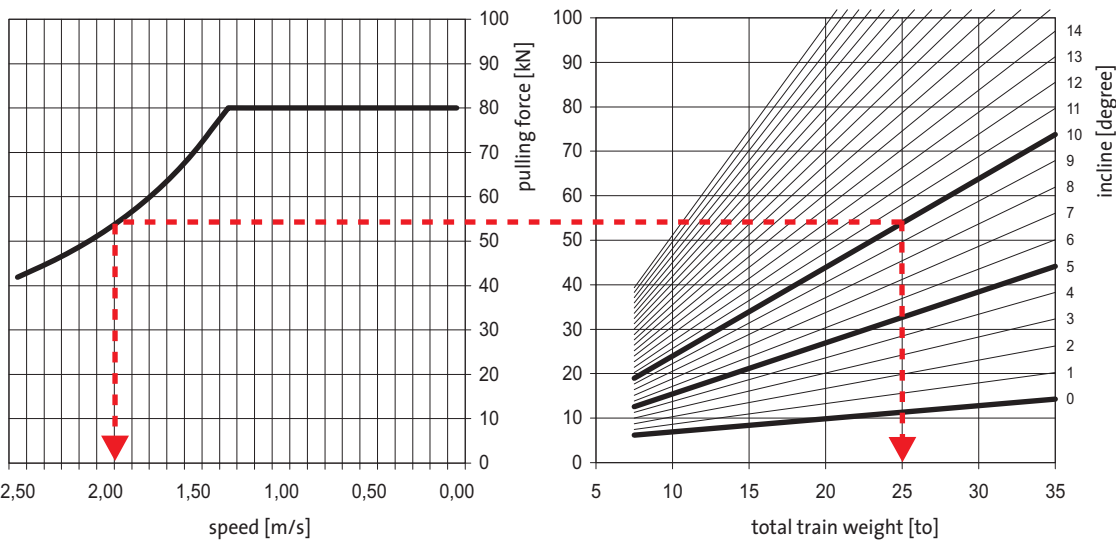


TECHNICAL DATA EMTS 2+2

No. of Drives:	4
No. of Brakes:	8
Min. Train lenth:	appr. 14 m
Min. Train weight:	9,200 kg
Total pulling Force:	80 kN
E-Motor:	4 x 29 kW
Voltage:	525 V (±10%) 3-Phase AC
Speed	up to 3.5 m/s
Typical Performance:	2 m/s at 10 degrees with 25 to total Train weight
Horizontal curve radius:	4 m
Vertical curve radius:	8 m

TYPICAL PERFORMANCE CHART

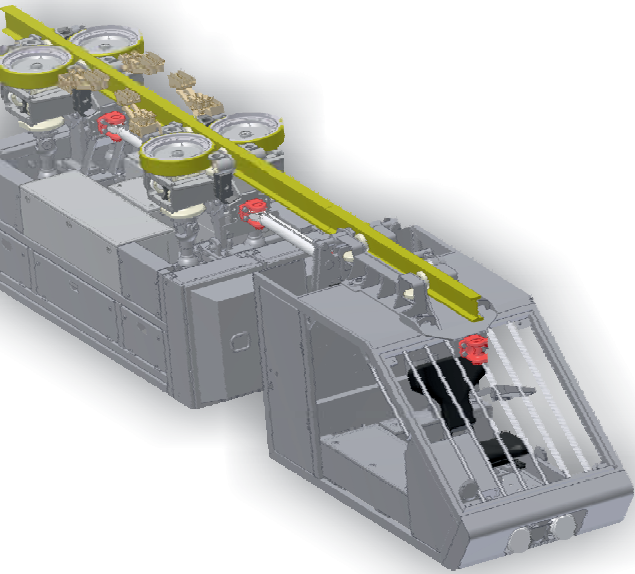


EMTS - CONTINUOUS TRANSPORT SYSTEM FOR UNDERGROUND MINING



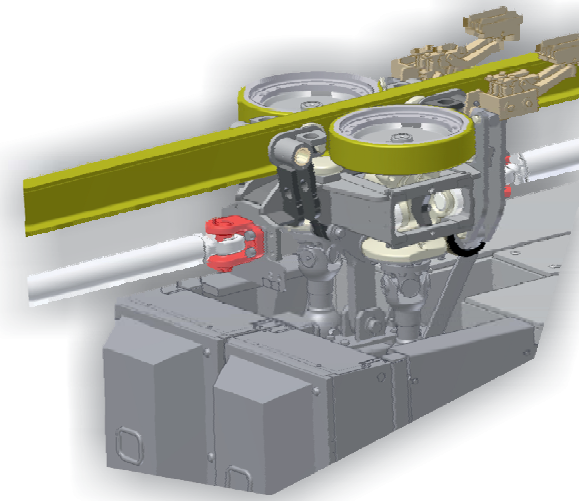
FEATURES

- SELF-PROPELLED MONORAIL WITH INTEGRATED ELECTRICAL HOISTING DEVICES
- HIGH TORQUE ELECTRICAL DEVICES
- FREQUENCY CONVERTER TECHNOLOGY INCLUDING ENERGY RECOVERY
- 4 DRIVE UNITS WITH TOTAL PULLING FORCE 80 kN
- LOAD MONITORING AND CONTROL SYSTEM
- DRIVER CABIN WITH ON BOARD DIAGNOSTIC AND MULTIFUNKTION JOYSTICK
- TRAP GUIDED TROLLEYS WITH FAIL SAFE BRAKE SYSTEM



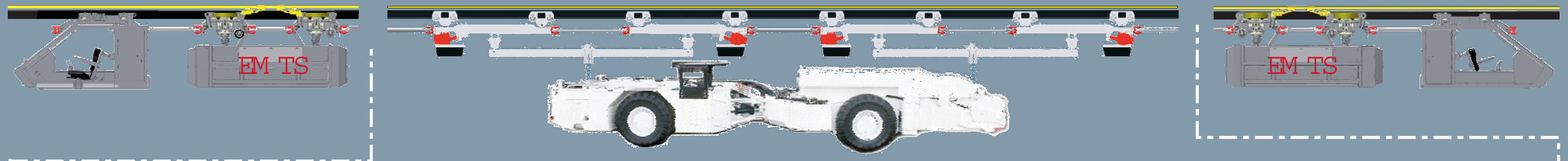
ADVANTAGES

- FLEXIBLE TRANSPORT OF EQUIPMENT, MATERIAL AND PEOPLE
- ZERO EMISSION TRANSPORT TECHNOLOGY CONTINUOUS TO GO FROM 0-30 DEGREES INCLINE
- SMOOTH AND EFFICIENT SPEED CONTROL FOR SAFE AND COMFORTABLE OPERATION
- HIGH SPEED (UP TO 3.5 m/s) AND POWERFUL TRANSPORT OF HEAVY LOADS (UP TO 25 TONS)
- SHORT INSTRUCTION TIME, SIMPLE OPERATION AND HIGH AVAILABILITY
- SAFE OPERATION, CERTIFIED ACCORDING TO INTERNATIONAL STANDARDS

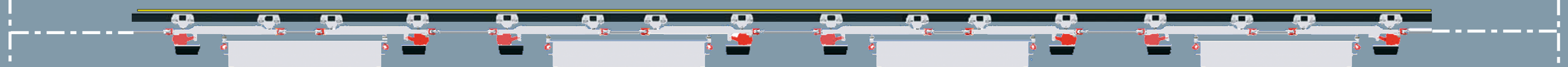


EMTS - ONE MONORAIL - MULTIPLE TRANSPORT SOLUTIONS

MASCHINERY & EQUIPMENT: E.G. 25 TO SINGLE PAYLOAD



BULK MATERIAL: E.G. 4 TO SINGLE PAYLOAD



MANRIDING: E.G. 20 MEN PER CARRIER

