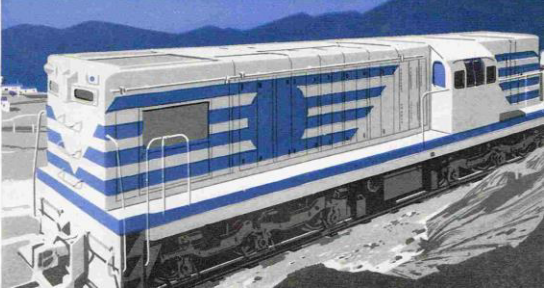


Technical Specification Sheet		Switcher		MPRX1201							
		Class		Numbers							
Class: Switcher GR12 Class: C_C Cab Design: End Cab			WEIGHT	BUILDER	EMD						
	STANDARD	US		Order #							
	LIGHT			Model #	GR12						
	LOADED	90T		RePowered							
<p>GR12-1425-H.P. 6-axle, 6-motor General Purpose Locomotive—Powered by 12-cylinder 567C engine, same as Model G12, but with longer underframe to accommodate 6 axles and 6 motors. Provides maximum tonnage capacity for light-rail application. Flexi-Coil bogies incorporate spring-controlled lateral and vertical movement of the roller-bearing journals, and rubber-cushioned lateral control of axle movement, for unexcelled riding qualities. Minimum weight fully loaded #6,183 kg.</p>											
OPERATING FEATURES		Diesel Engine		Air Brake	Traction Motors	Aux Gen					
Max Speed:		Manufacturer:	EMD								
Gear Ratio:	63/14	Model:	12-645C	26L	D29	10kw					
T.E. Starting:		Horsepower:	1425								
T.E. Continuous:		Max RPM:	800								
ELECTRICAL		Coupler		Air Compressor	Gear Box	Main Generator					
Switchgear:	Electrical	Type:		G/D	N/A	D25E					
Control Voltage:	74DC	Model:	Henricot ix-m4	WBO							
CAPACITIES		Trucks:		Cooling Fans		Special Equipment					
Eng. Cooling Water:	810 Liters	Wheel Diameter:	40 Inch			6 Axle 1000 mm Rail Gauge					
Lubrication Oil:	625 Liters	Truck Type:	AAR	T/M:	Mechanical						
Fuel Oil:	600 Gal	Type:	6.5" x 12"	Engine:	Mechanical						
Sand Storage:	0.34 m3	Bearings:	Roller Bearings								
		Track Gauge:	56.5"								
Cab Fans	0ea	Op-Station	1ea	Speed Indicator	No	PLC	No	Wiper motors	2ea	Cab Heat	Yes
Transition	Yes	MU	Yes	Radio	No	Brake Cyl.	4ea	Air Condition	No	Ext. Lighting	Yes
Customer:		Site:		MP&ES Reference #:		TSS Status:	Draft				
Purchase Order Number:		Project Reference Name:	129-			TSS Reviewed:	DEW				

Note: The Locomotive Illustration shown above
 Is for illustration and conversation purposes only.
 Actual equipment may vary depending on unit purchased.