# PARTS MANUAL

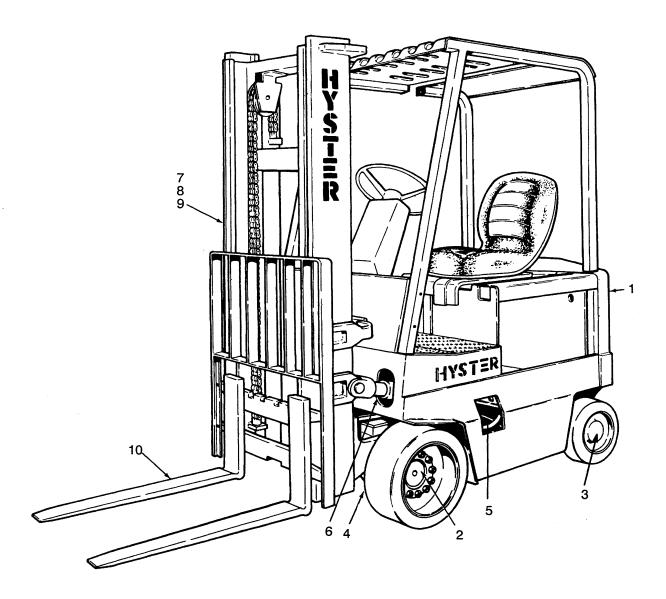
ELECTRIC E70-80-100-120XL E100XLS (C98)

CUSTOMER EDITION

# HYSTER



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# ABBREVIATIONS QUICK REFERENCE SHEET

Listed Below Are Abbreviations Used In Parts Manuals To Denote The Following Expressions:

Memory  EXC Excludes  FFL Full Free Lift  FLT Fork Lift Truck  FRE Freezer Environment  HP Horsepower  in. inches  INC Includes  LFL Limited Free Lift		I T OL MAN
4-STG Four Stage Mast  Amp Amperes  AR As Required  BCS Box Car Special  BWI Brush Wear Indicator  CE Commutator End  CRE Corrosive Environment  dbA Decibel "A" Scale  DE Drive End  EC Empty Container Handler Europe Empty Container Handler -3 High Stacking  EC-3 Empty Container Handler-4 High Stacking  EC-4 Empty Container Handler-5 High Stacking  EC-5 Empty Container Handler-5 High Stacking  EC-6 Empty Container Handler-6 High Stacking  EC-7 Empty Container Handler-7 High Stacking  ECM Electronic Control Module  ECN Engineering Change Notice  EEPROM Electrically Erasable Programable Read Only Memory  EYC Excludes  FFL Full Free Lift  FLT Fork Lift Truck  FRE Freezer Environment  HP Horsepower  in. inches  INC Includes  LFL Limited Free Lift		
Amp Amperes  AR As Required  BCS Box Car Special  BWI Brush Wear Indicator  CE Commutator End  CRE Corrosive Environment  dbA Decibel "A" Scale  DE Drive End  EC Empty Container Handler Europe Empty Container Handler -3 High Stacking  EC-3 Empty Container Handler-4 High Stacking  EC-4 Empty Container Handler-5 High Stacking  EC-5 Empty Container Handler-5 High Stacking  EC-6 Empty Container Handler-7 High Stacking  EC-7 Empty Container Handler-7 High Stacking  ECM Electronic Control Module  ECN Engineering Change Notice  EEPROM Electrically Erasable Programable Read Only Memory  EXC Excludes  FFL Full Free Lift  FLT Fork Lift Truck  FRE Freezer Environment  HP Horsepower  in. inches  INC Includes  LFL Limited Free Lift		
AR As Required BCS Box Car Special BWI Brush Wear Indicator CE Commutator End CRE Corrosive Environment dbA Decibel "A" Scale DE Drive End EC Empty Container Handler Europe Empty Container Handler -3 High Stacking EC-3 Empty Container Handler-4 High Stacking EC-4 Empty Container Handler-5 High Stacking EC-5 Empty Container Handler-5 High Stacking EC-6 Empty Container Handler-6 High Stacking EC-7 Empty Container Handler-7 High Stacking EC-7 Excludes EC-7 Empty Container Handler-7 High Stacking EC-7 Empty Container Handler-7 High Stacking EC-8 Excluder Field From Electrically Programable Read Only Memory EXC Excludes FFL Full Free Lift FLT Fork Lift Truck FRE Freezer Environment HP Horsepower in. inches INC Includes LFL Limited Free Lift	4-STG	Four Stage Mast
BCS Box Car Special BWI Brush Wear Indicator CE Commutator End CRE Corrosive Environment dbA Decibel "A" Scale DE Drive End EC Empty Container Handler Europe Empty Container Handler -3 High Stacking EC-3 Empty Container Handler-4 High Stacking EC-4 Empty Container Handler-5 High Stacking EC-5 Empty Container Handler-5 High Stacking EC-6 Empty Container Handler-6 High Stacking EC-7 Empty Container Handler-7 High Stacking EC-7 Empty Container Handler-7 High Stacking ECM Electronic Control Module ECN Engineering Change Notice EEPROM Electrically Erasable Programable Read Only Memory EYC Excludes FFL Full Free Lift FLT Fork Lift Truck FRE Freezer Environment HP Horsepower in. inches INC Includes LFL Limited Free Lift	Amp	Amperes
BWI Brush Wear Indicator  CE Commutator End  CRE Corrosive Environment  dbA Decibel "A" Scale  DE Drive End  EC Empty Container Handler Europe Empty Container Handler U.S.  EC-3 Empty Container Handler-3 High Stacking  EC-4 Empty Container Handler-4 High Stacking  EC-5 Empty Container Handler-5 High Stacking  EC-6 Empty Container Handler-6 High Stacking  EC-7 Empty Container Handler-7 High Stacking  ECN Engineering Change Notice  EEPROM Electrically Erasable Programable Read Only Memory  EXC Excludes  FFL Full Free Lift  FLT Fork Lift Truck  FRE Freezer Environment  HP Horsepower  in. inches  INC Includes  LFL Limited Free Lift	AR	As Required
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CRE Corrosive Environment  dbA Decibel "A" Scale  DE Drive End  EC Empty Container Handler Europe Empty Container Handler U.S.  EC-3 Empty Container Handler-3 High Stacking  EC-4 Empty Container Handler-4 High Stacking  EC-5 Empty Container Handler-5 High Stacking  EC-6 Empty Container Handler-6 High Stacking  EC-7 Empty Container Handler-7 High Stacking  EC-7 Empty Container Handler-7 High Stacking  EC-7 Empty Container Handler-7 High Stacking  ECM Electronic Control Module  ECN Engineering Change Notice  EEPROM Electrically Erasable Programable Read Only Memory  EXC Excludes  FFL Full Free Lift  FLT Fork Lift Truck  FRE Freezer Environment  HP Horsepower  in. inches  INC Includes  LFL Limited Free Lift	BWI	Brush Wear Indicator
dbA Decibel "A" Scale  DE Drive End  EC Empty Container Handler Europe Empty Container Handler U.S.  EC-3 Empty Container Handler-3 High Stacking  EC-4 Empty Container Handler-4 High Stacking  EC-5 Empty Container Handler-5 High Stacking  EC-6 Empty Container Handler-6 High Stacking  EC-7 Empty Container Handler-7 High Stacking  EC-7 Empty Container Handler-7 High Stacking  EC-8 Empty Container Handler-7 High Stacking  EC-9 Empty Container Handler-7 High Stacking  ECN Electronic Control Module  ECN Engineering Change Notice  EEPROM Electrically Erasable Programable Read Only Memory  EPROM Electrically Programable Read Only Memory  EXC Excludes  FFL Full Free Lift  FLT Fork Lift Truck  FRE Freezer Environment  HP Horsepower  in. inches  INC Includes  LFL Limited Free Lift	CE	Commutator End
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or ECH Empty Container Handler U.S.  EC-3 ECH-3 Empty Container Handler-3 High Stacking  EC-4 ECH-4 Empty Container Handler-4 High Stacking  EC-5 Empty Container Handler-5 High Stacking  EC-6 Empty Container Handler-6 High Stacking  EC-7 EMPTY Container Handler-7 High Stacking  EC-7 Empty Container Handler-7 High Stacking  ECH-7 Empty Container Handler-7 High Stacking  ECM Electronic Control Module  ECN Engineering Change Notice  EEPROM Electrically Erasable Programable Read Only Memory  EPROM Electrically Programable Read Only Memory  EXC Excludes  FFL Full Free Lift  FLT Fork Lift Truck  FRE Freezer Environment  HP Horsepower  in. inches  INC Includes  LFL Limited Free Lift	DE	Drive End
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ECH-7 Stacking  ECM Electronic Control Module  ECN Engineering Change Notice  EEPROM Electrically Erasable Programable Read Only Memory  EPROM Electrically Programable Read Only Memory  EXC Excludes  FFL Full Free Lift  FLT Fork Lift Truck  FRE Freezer Environment  HP Horsepower  in. inches  INC Includes  LFL Limited Free Lift		
ECN Engineering Change Notice  EEPROM Electrically Erasable Programable Read Only Memory  EPROM Electrically Programable Read Only Memory  EXC Excludes  FFL Full Free Lift  FLT Fork Lift Truck  FRE Freezer Environment  HP Horsepower  in. inches  INC Includes  LFL Limited Free Lift		
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Read Only Memory  EPROM Electrically Programable Read Only Memory  EXC Excludes  FFL Full Free Lift  FLT Fork Lift Truck  FRE Freezer Environment  HP Horsepower  in. inches  INC Includes  LFL Limited Free Lift	ECN	Engineering Change Notice
Memory  EXC Excludes  FFL Full Free Lift  FLT Fork Lift Truck  FRE Freezer Environment  HP Horsepower  in. inches  INC Includes  LFL Limited Free Lift	EEPROM	
FFL Full Free Lift  FLT Fork Lift Truck  FRE Freezer Environment  HP Horsepower  in. inches  INC Includes  LFL Limited Free Lift	EPROM	Electrically Programable Read Only Memory
FLT Fork Lift Truck  FRE Freezer Environment  HP Horsepower  in. inches  INC Includes  LFL Limited Free Lift	EXC	Excludes
FRE Freezer Environment  HP Horsepower  in. inches  INC Includes  LFL Limited Free Lift	FFL	Full Free Lift
HP Horsepower in. inches INC Includes LFL Limited Free Lift	FLT	Fork Lift Truck
in. inches  INC Includes  LFL Limited Free Lift	FRE	Freezer Environment
INC Includes  LFL Limited Free Lift	HP	Horsepower
LFL Limited Free Lift	in.	inches
	INC	Includes
LPG Liquified Petroleum Gas	LFL	Limited Free Lift
	LPG	Liquified Petroleum Gas
MAP Manifold Absolute Pressure	MAP	Manifold Absolute Pressure
mm millimeters	mm	millimeters

MSTS	Microprocessor Spark Timing System
NC	Normally Closed
NFL	No Free Lift
NI	Not Illustrated
NO	Normally Open
NPT	National Pipe Threads
NS	Neutral Start
O/S	Oversize
ос	Oil Clutch Transmission
PS	Powershift Transmission
PTO	Power Take Off
RPM	Revolutions per Minute
S/N	Serial Number
SFL	Semi-Free Lift
TMM	Truck Management Module
Type D	UL Type D, Diesel-Powered Safety Rating
Type DS	UL Type DS, Diesel-Powered Safety Rating
Type E	UL Type E, Battery Powered Safety Rating
Type EE	UL Type EE, Battery-Powered Safety Rating
Type ES	UL Type ES, Battery-Powered Safety Rating
Type G	UL Type G, Gasoline-Powered Safety Rating
Type GS	UL Type GS, Gasoline-Powered Safety Rating
Type LP	UL Type LP, LP Gas-Powered Safety Rating
Type LPS	UL Type LPS, LP Gas-Powered Safety Rating
U/S	Undersize
UL	Underwriters Laboratory
UK	United Kingdom
U.S.	United States
V	Volts
Xmsn	Transmission