

CONTROL TECHNIQUES™
LEROY-SOMER™

Nidec
 All for dreams

Drives & Motors Technology

MEETING ALL YOUR NEEDS WITH A COMPREHENSIVE RANGE

Drives and Controllers

AC and Servo Drives for Industry

Unidrive M

Defined feature-sets to optimize productivity across multitude of automation applications.

Open loop vector and rotor flux control modes.

0.33 - 4,200 hp
 (0.25 kW - 2.8 MW)

115 V, 230 V, 460 V,
 575 V, 690 V



Epsilon EP

Compact 1.5-axis "Motion Made Easy™" servo drive systems

2.2, 4, 6.5, 9, 16 A

1.4 - 193 lb. in
 (0.16 - 21.8 Nm)

115 V, 230 V



Digitax ST

Intelligent, compact, flexible and dynamic servo drive range with many options

6.4 - 166.5 lb.in
 (0.72 - 18.8 Nm)
 230 V, 460 V



Motors

Permanent Magnet Motors

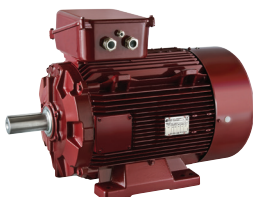
Dyneo® PM Motors

Super Premium efficiency permanent magnet (PM) variable speed synchronous motors

IP55 & IP23.IE3 & IE4

5-680 hp
 (3-500 kW)

1,500 - 5,500 rpm

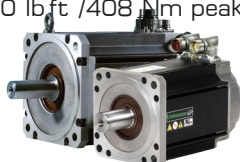


Servo Motors

Unimotor fm and hd

Dynamic performance
 AC
 brushless

6.4 lb.in - 100.3 lb.ft
 (0.72 - 136 Nm)
 (300 lb.ft / 408 Nm peak)



NT servo motors

Compact 230 V brushless AC servo motor

7.5 lb.in to 56 lb.in
 (0.85 - 6.3 Nm)
 (166 lb.in / 18.8 Nm peak)



XV servo motors

230 V brushless AC servo motor

0.95 lb.in - 101 lb.in (0.1 - 11.4 Nm)
 (300 lb.in / 33.5 Nm peak)



DC Drives

Mentor MP

High performance DC drive with
field control and integration flexibility ideal for new
applications
230-460 V, 575 V, 690 V
2 or 4 quadrant operation



Quantum MP DC drives

High performance Packaged DC drive ideal
for retrofit applications
25 - 700 A
230-460 V
2 or 4 quadrant operation



Softstarters

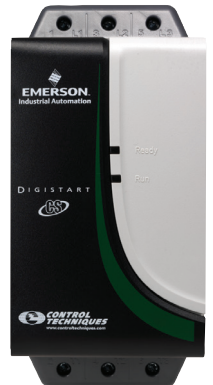
Digistart iS

Intelligent motor soft start solution
10 - 150 hp (7.5 kW - 112 kW)
18 A - 200 A
200-440 V
380-690 V



Digistart CS

Compact motor soft start solution
15 - 1,400 hp (11 kW - 1,193 kW)
23 A - 1,600 A
200-575 V



John Henry Foster (JHFoster) is a leading distributor and service provider for automation and compressed air systems. Our mission is to assist companies like yours automate their manufacturing applications to make the process a positive journey. We are committed to providing successful solutions that exceed production demands, reduce costs, and increase overall efficiencies.

Headquartered in Eagan, MN, with a location in Fargo, ND, we also offer a fully-equipped team of mobile technicians that provide service to the 5-state area. Contact us today at 800.582.5162 or jhfooster.com to learn more about how you might benefit from knowing us.

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