Magnetek’s new IMPULSE®•T is the ideal low-cost, easy to configure variable frequency drive for CMAA Class A-D traverse motions.

Magnetek’s IMPULSE-T has made drive programming so easy you can get your crane up and running in a few simple steps. This affordable drive platform makes the IMPULSE-T the ideal solution for contactor control upgrades and basic modernizations.

The IMPULSE•T comes standard with a 120VAC digital interface card with 5 programmable inputs, and can also be fitted with 48VAC, 24VAC, and 24VDC interface cards to meet unique design needs.

UL® recognized motor overload protection comes standard with the IMPULSE•T, protecting your motor and peripheral electronics from damage when a mechanical failure occurs. Preventative maintenance monitors provide the feedback you need to proactively schedule maintenance and minimize downtime.

**PERFORMANCE FEATURES**

- Digital and analog reference sources
  - Up to 8-speed multi-step digital speed references
  - 2-step infinitely variable speed reference
  - 1 analog speed reference: 0-10VDC, 4-20mA, 0-20mA
- Built-in dynamic braking transistor
- 1 form C output contact 1A at up to 250VAC or 30VDC
- 1 analog monitor output: 0-10VDC proportional to output frequency or current
- X-Press Programming™ allows programming initial setup within seconds
- Maintenance timers — operations, cooling fan, soft charge bypass relay, and IGBT
- Fully adjustable volts/hertz pattern
- DC injection braking
- Electronic reversing motor leads
- Automatic fault reset
- Adjustable acceleration/deceleration: 0.0 to 25.5 seconds
- Fault history
- Hardware and software current limit

5 digit keypad with LED status display

The IMPULSE•T is available as a packaged drive or in a pre-engineered standard panel. IMPULSE•T drives are backed by our two-year warranty.
With our combination of extensive application experience and leading-edge products, Magnetek provides the ultimate solution for overhead motion control.

**SPECIFICATIONS**
- CMAA Class A-D Service
- Overload capacity: 120% for 60 sec.
- 40:1 speed range
- Starting torque of 150% @ 3Hz
- Certifications: UL, cUL, RoHS, CE
- Ambient service temperature: -10°C to 50°C (+14° to 122°F)
- Input voltage: 200 to 240VAC, 380 to 480VAC, -15% to +10%
- Input frequency: 50/60 Hz; ±5%

**PRE-ENGINEERED PANELS**

**STANDARD FEATURES**
- 120 Volt control voltage interface card
- Brake contactor branch fusing
- Built-in electronic motor thermal overload protection
- Dynamic braking resistor(s)
- All wiring to a single terminal strip
- Clearly marked wires (at both ends)
- Complete wiring schematic
- NEMA 4/12 enclosure

**AVAILABLE OPTIONS**
- Input line reactor
- Output load reactor
- Control Transformer
- Rod Disconnect
- Main Line Contactor

**RATINGS**
- 380-480VAC, ¾ to 5HP
- 200-240VAC, 1 to 3HP

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For more information, contact Tri-State Overhead Cranes Sales Representative.