

Presenting ADR's BTR

# *AMI* Advanced Machine Interface



ADR's BTR was designed with the needs of today's manufacturing in mind: faster setups, longer programs and fewer errors. Inexpensive, full featured, and powerful the AMI enhances CNCs making them more capable than ever before. By "Running from Tape", CNC memory limitations are removed. Storing the part program in the AMI frees your computer from feeding data while you make part after part. Can you afford not to increase productivity?

## *Benefits:*

- Eliminates the need for punched paper tape.
- No special software required.
- Works with any DNC Software.
- See NC data as machine runs.
- Opto-Isolation protects CNC from damage.
- Easy to install on any control.

*ADR's BTR is the MOST Advanced BTR on the market*

## *Features:*

- Send and Receive ISO / EIA / Binary files to/from PC.
- Memory capacity of 128K, 512K, and 2M byte.
- Drip-feed mode supports unlimited file sizes.
- Supports Remote File Access.
- Optional Hand held Shop Terminal.
- EIA (RS244) code translation built in.

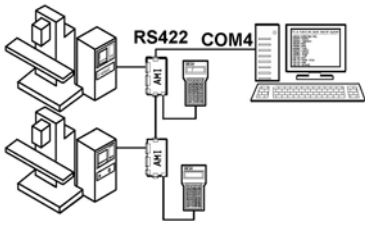
## *Controls Interfaced:*

Allen Bradley  
Andrew  
Bendix  
Dynapath  
Bostomatic  
Bridgeport  
Chamilles  
Cincinnati Milacron  
Excellon  
Fanuc  
General Automation  
General Electric  
General Numeric  
Gidding & Lewis  
HECC  
Houdiale  
Hughes  
Japax  
Kerney & Trecker  
Mazak  
Mitsubishi  
Meldas  
Moog  
OKK  
Okuma  
SMT  
Toshiba  
Pratt & Whitney  
Warner Swasey  
Weideman  
Westinghouse  
Yasnac  
... and many More!

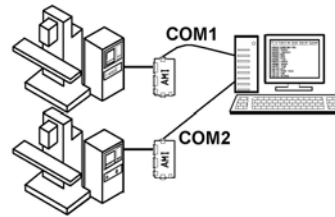


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# AMI Advanced Machine Interface Hardware Specifications



Multi-Drop (RS422) wiring



Single Drop (STAR) RS232 Wiring

## **CNC Serial Parameters(J7):**

Stop bits 1 or 2  
Data bits 7 or 8  
Parity Odd, even None.

## **CNC Baud Rates (J7):**

300, 600, 1200, 2400, 4800, 9600, 19200

## **Additional AMI Features:**

Add Leader/Trailer.  
EIA Code translation.  
Drip Feed mode.  
Tape loop mode.  
Memory Lock.  
Programmable Timing.

## **Supported ATERM Features:**

Remote file request.  
Erase Memory.  
File in AMI memory information.  
View NC program in memory.  
Search and Run from NC block

## **Connectors:**

J2 ATERM - hand held terminal RJ14  
J3 Host port RS232 and RS422 DB9S Female  
J4 Host port RS232 and RS422 DB9P Male  
J5 Reader parallel emulation port DB25P male  
J6 Punch parallel emulation port DB25S female  
J7 Serial CNC reader/punch DB9S female  
TB1 Twin Screw Terminals - DC power

## **Host Serial Parameters:**

Automatically controlled.

## **Reader Types**

Acuraread  
Addmaster  
Decitek  
Digitronix  
EECO  
Fanuc  
GE  
Ghilmetti  
GNT  
Oktronics  
OKI  
Remex  
Ricom  
SanoDenki  
SloSyn  
Tally

## **Punch Types**

Facit,Remex

## **Host Baud Rates (J3):**

600, 1200, 2400, 4800,  
9600, 19200, 38,400

## **Host Protocols**

RS491, ADNC  
XON/XOFF  
Mazak

## **Power MAX**

+5VDC Regulated <500ma  
+9VDC Unregulated <500ma

## **Physical**

Size 4.5" x 7" x 1.25"

## **MTBF**

50,000 Operating Hours

## **Operating Temperature**

0 - 50 C



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