

*Building
Tomorrow's
Technology*

Hart



PRECISION PRODUCTS

MARINE

INDUSTRIAL

AUTOMOTIVE

ORDINANCE

AEROSPACE



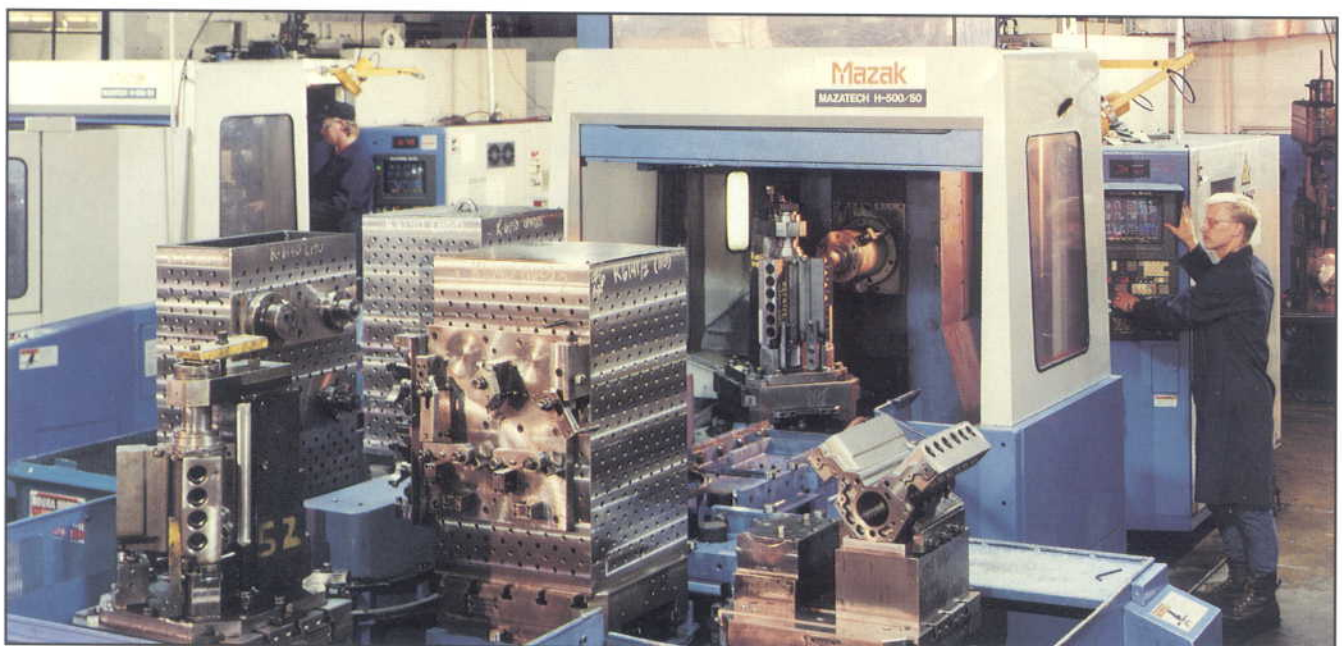
HART PRECISION:

An overview

Excellence is more than a goal at Hart Precision. It is our heritage.

In business since 1953, we have become a preferred supplier to the giants of industry. Caterpillar, Cadillac Gage Textron, Textron Lycoming, Detroit Diesel and Ford are among the companies which have awarded Quality Certificates of Approval to Hart Precision.

Add to this list the U.S. Government, NATO and the Government of Israel and the picture becomes clear - Hart Precision is an acknowledged leader in high-tech manufacturing. From hydraulic spools to clutch housings, Hart has the capability to produce precision parts of any size for any industry.



MEDICAL

AVIATION

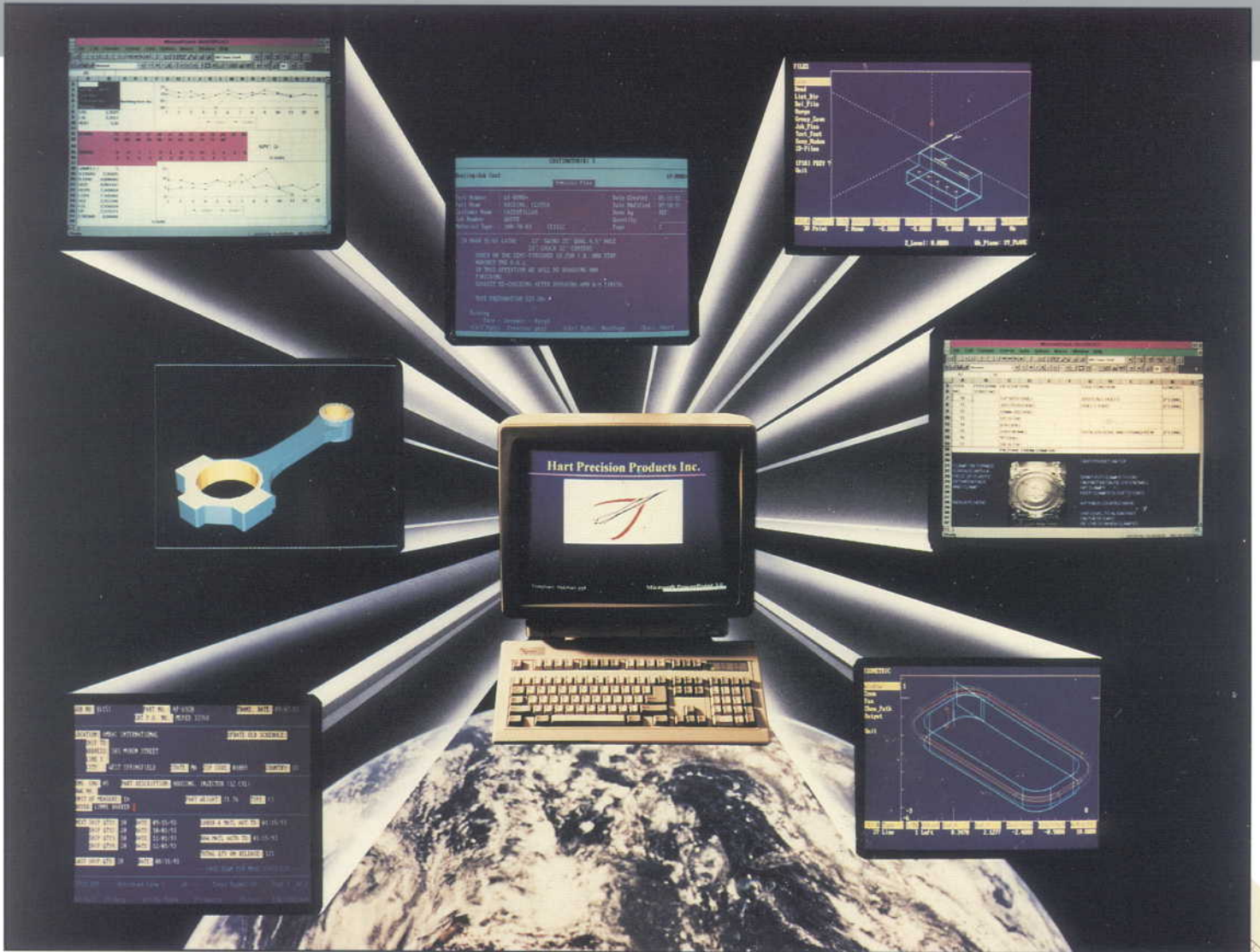
AGRICULTURAL

MISSILE



COMPUTER COMPONENTS

HEAVY EQUIPMENT



LEADERS IN TECHNOLOGY:

Hart doesn't just keep up

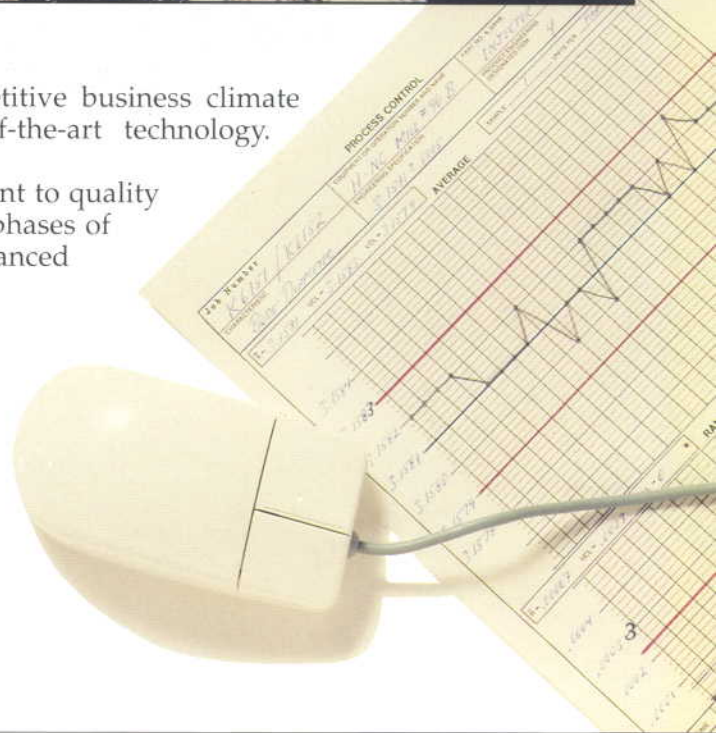
Today's competitive business climate demands state-of-the-art technology. Hart has it!

Our commitment to quality has led us to integrate all phases of our operation with the most advanced computer equipment available.

Our in-house Costimator system enables us to provide detailed quotes quickly and efficiently.

Scheduling, purchasing and design are aided by and coordinated through computer links. So too is production, which is painstakingly documented using manufacturing process control, and carefully monitored using SPC.

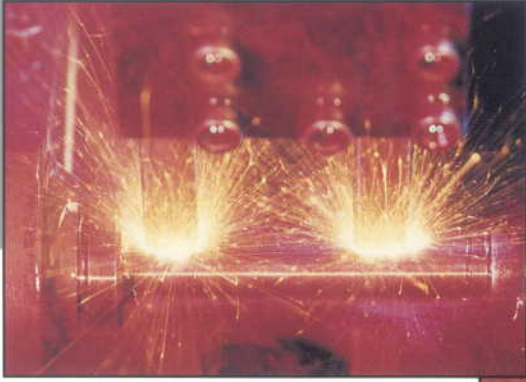
Through EDI, our customers are kept apprised of a project's status. And we ship only after it satisfies our own rigid inspection procedures.



CAM

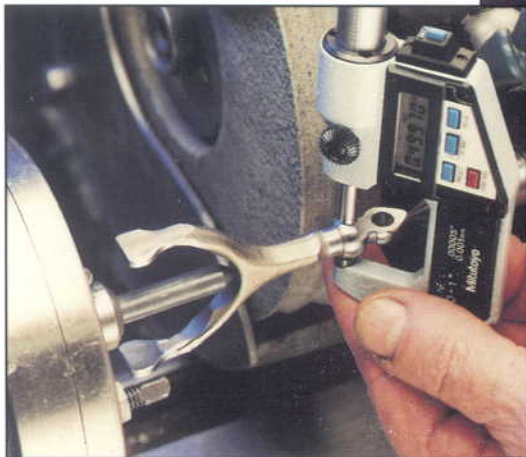
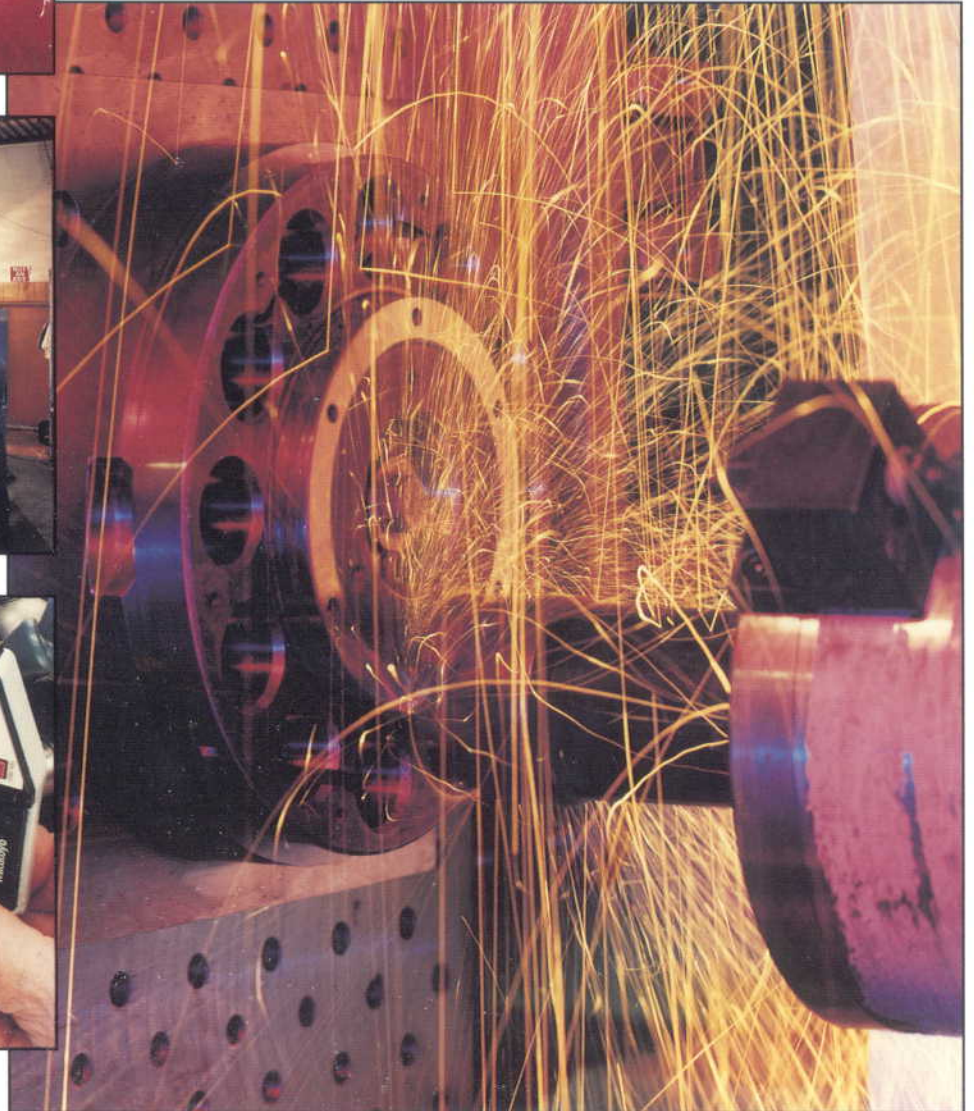
SPS

CNC



DNC

CAD



**HART
EXPERTISE:**
*Manufacturing with
insight*

Decades of experience have afforded Hart Precision an unparalleled reputation in manufacturing.

We have the in-house capability to take a project from concept to completion. Hart has the resources to perform:

- | | |
|--------------|--------------|
| CNC Milling | EDM |
| CNC Turning | Honing |
| Broaching | Grinding |
| Flat Lapping | Gun Drilling |

Because of this versatility, Hart is your best bet if you want a job done well, and on time.



SPC



CMM

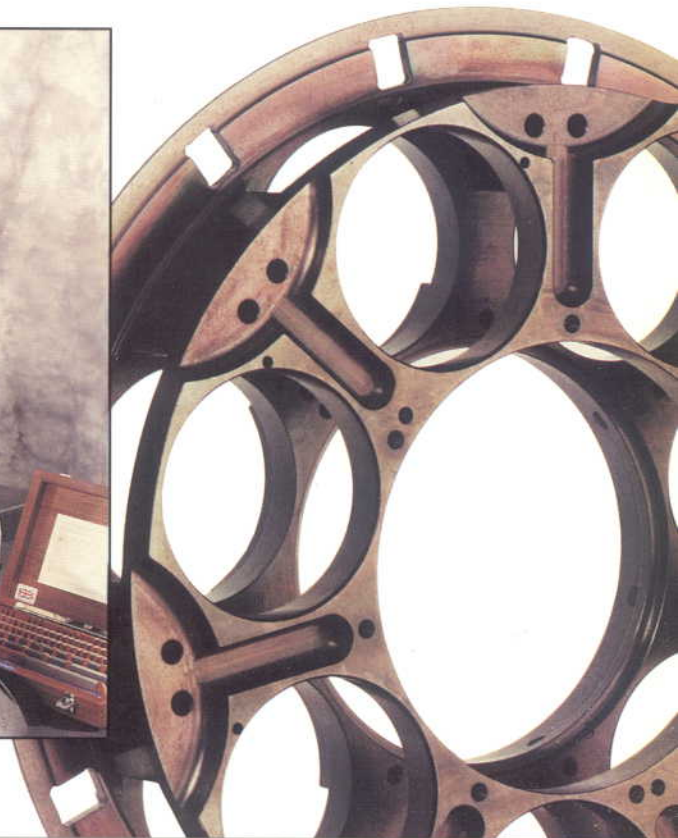
HART STANDARDS:

*Quality and
Consistency*

At Hart Precision, our focus is not simply to meet quality standards. We strive to exceed them.

In addition to our SPC and SPS capabilities, Hart has a climate-controlled inspection area and two CMMs equipped to provide printouts for constant project monitoring. Hart's procedures meet U.S. Government specification MIL-1-45208A.

Long ago we recognized that our customers were facing a marketplace which is continually evolving. That is one reason why we implemented our own Annual Quality Improvement (AQI) program. It ensures Hart is always moving forward.



CREATIVITY

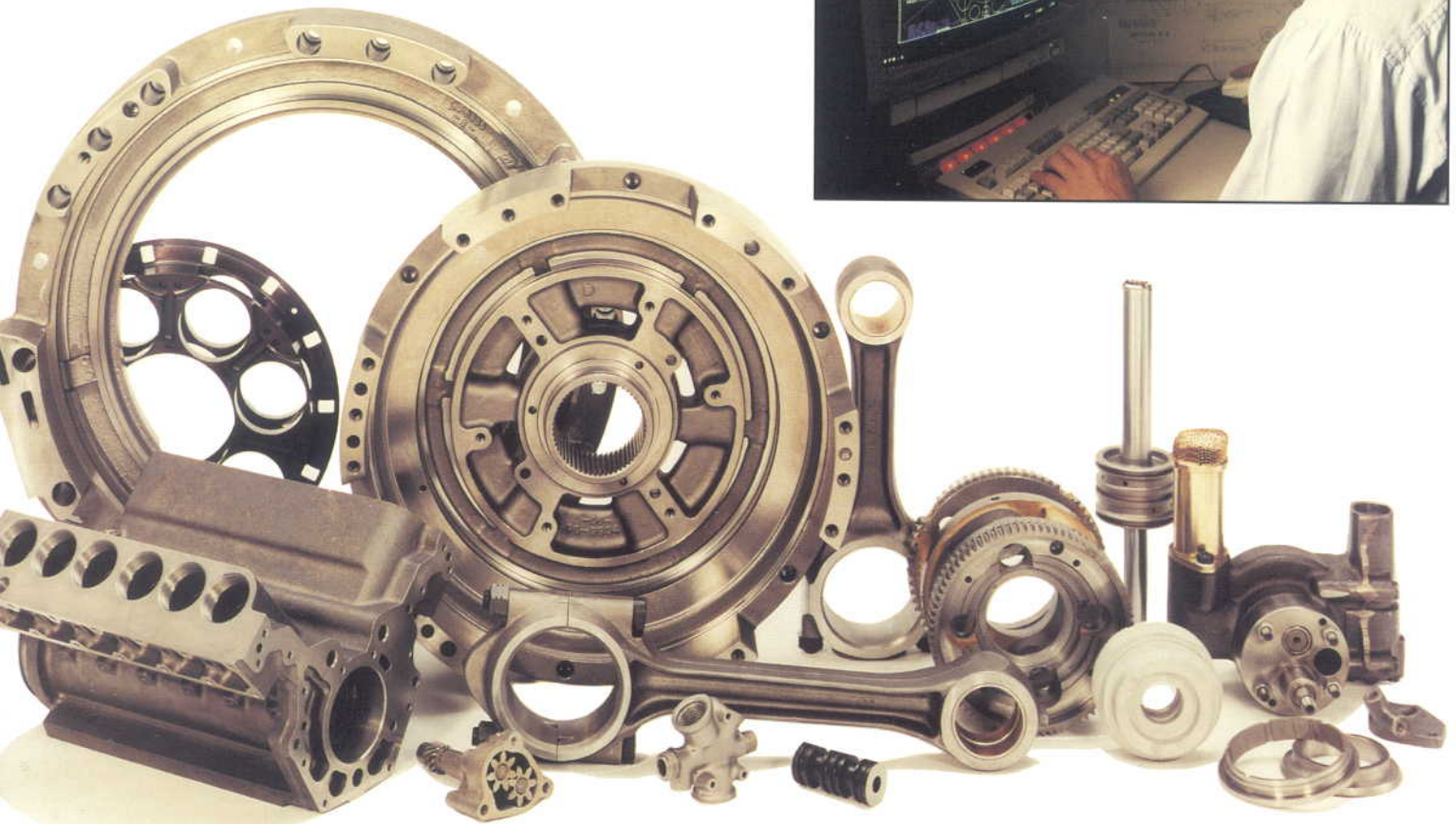
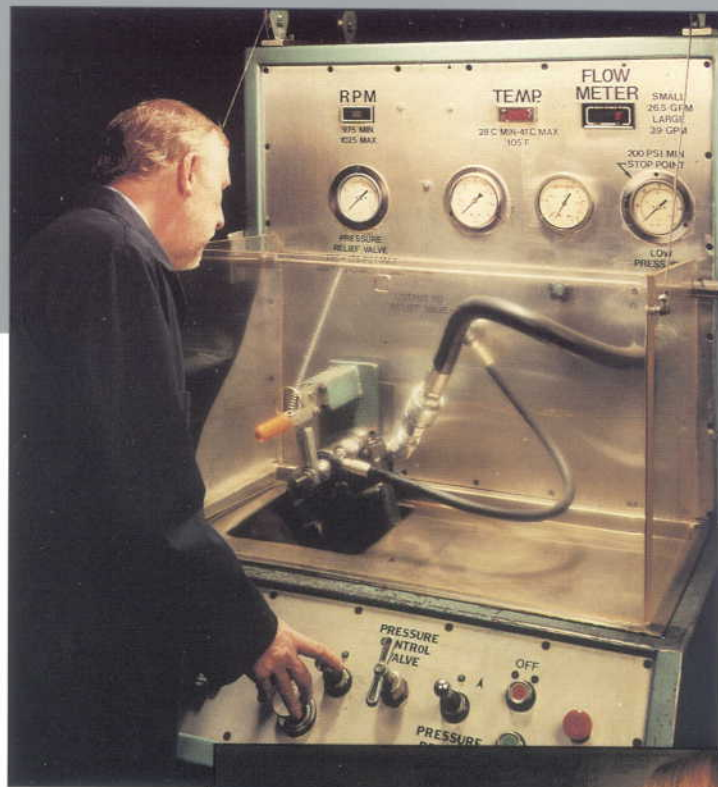
FLEXIBILITY

HART INNOVATION:

*Meeting
your most
difficult
challenges*

Complex manufacturing problems demand creative solutions.

We only know one way to meet a challenge - head-on and with all our resources. This aggressiveness - combined with our technical prowess - gives Hart the flexibility to meet the most demanding deadlines, and the power to excel where others might fail.



TRAINING

EXPERIENCE



LOYALTY

DEDICATION

HART PEOPLE:

The driving force



At Hart Precision, we stand behind our work and our people. That's because they're our most important resource.

We hold regular in-house training sessions to help our personnel upgrade their skills. In return, they reward us with their loyalty. How many companies can say they employ two generations of not one, but several families? Hart can.

From the shop floor to our management team, we bring a wealth of experience to you, our valued customers.



BUILDING TOMORROW'S TECHNOLOGY!



PERRY JOHNSON REGISTRARS, INC.

Certificate of Registration

Perry Johnson Registrars, Inc., Has assessed the Quality System of:

Hart Precision Products, Inc.

12700 Marion Road Redford, MI 48239 United States

*(Hereinafter called the Organization) and hereby declares that
Organization is in conformance with:*

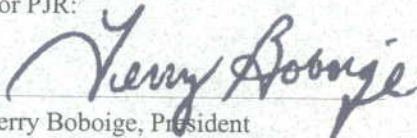
Registered to QS-9000:1998 (Based on and including ISO 9002:1994)

This Registration is in respect to the following scope of supply:

Manufacturer of Precision Components and Assemblies for the Automotive Industry
(Supplier has been audited in accordance with the requirements of the QS-9000, Appendix B "Code of Practice")

Such products shall be manufactured by the Organization at, or such processes or services shall be offered at or from, only the address given above. This Registration is granted subject to the system rules governing the Registration referred to above, and the Organization hereby covenants with the Assessment body duty to observe and comply with the said rules.

For PJR:



Terry Boboige, President

Perry Johnson Registrars, Inc. (PJR)
26555 Evergreen, Suite 1340
Southfield, Michigan 48076
(248) 358-3388



Accredited by the
RvA, Dutch Council
for Accreditation



PERRY JOHNSON
REGISTRARS, INC.

The validity of this certificate is mandated through ongoing surveillance.

Issue Date:

June 21, 2002

Expiration Date:

June 20, 2005

Certificate No.:

C2002-01094