

Uni-SHUTTLE HP is an automated storage / retrieval system designed to provide best-in-class capacity and performance through a combination of flexible storage functions, high-capacity transport and sorting capabilities.

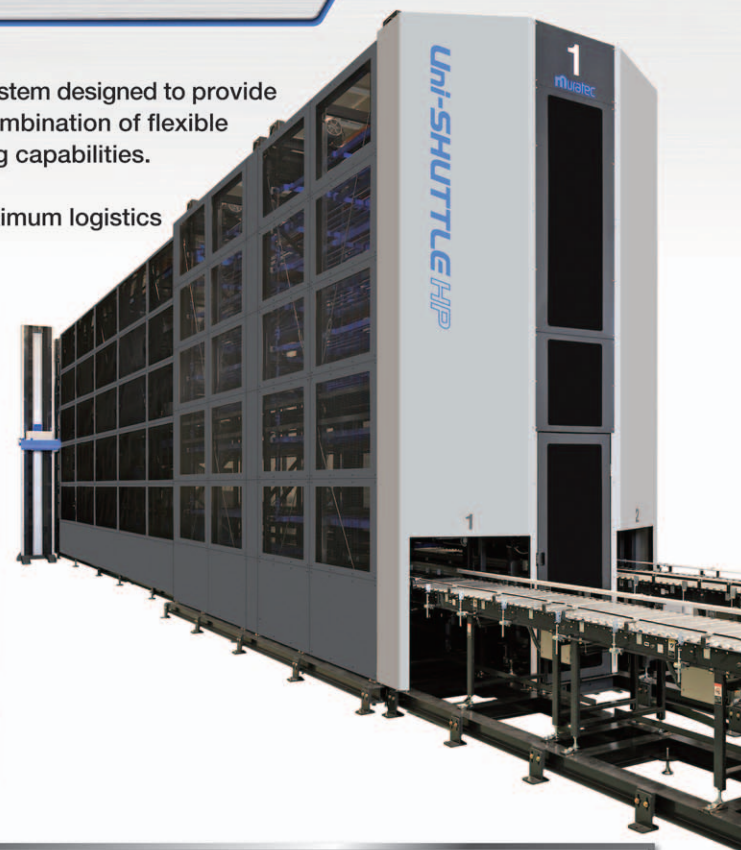
Uni-SHUTTLE HP is a new solution that pursues "maximum logistics throughput" in terms of both productivity and quality.

Best-in-class storage and retrieval capacity ;  
Capable of handling 3,000 cases / hour

Flexible and efficient storage functionality ;  
Capable of handling various type (carton cases, folding containers, buckets and other cases), load sizes and rack locations

Sequential retrieval capability optimizes delivery of product to various steps in the production process

Configuration flexibility in the design of the storage and retrieval equipment



## Advantages of Uni-Shuttle HP

### Improved Inventory Turnover Rate

- Continuously sorts and stores parts and products from various suppliers or production processes with its best in class storage capabilities.
- Sorts and stores rapidly and smoothly with its flexible and efficient storage capabilities that handle various load sizes and rack locations.
- Provides just-in-time retrieval of necessary parts and products with its fastest-in-class shuttles and retrieval equipment working in tandem.
- Easily handles individualized and same-day distribution needs with a system optimized for small-lot, high-throughput replenishment and retrieval operations.

### Improved Logistics Quality

- Rapidly and continuously retrieves parts and products in the order specified, whether by individual buyer or by position in the shipping queue.
- Efficient sequential retrieval capability eliminates the need for post-retrieval sorting of parts and products according to production process, buyer or shipping truck loading order.
- The flexible unloading process provides the added ability to retrieve products organized according to highly specific criteria, such as buyer's product category, storage aisle or production process, including ideal sequential arrangement of goods for put away on the buyers side.

## For Inquiries

### CNC Turning Machines & Sheet Metal Machines

**MEIBAN ENGINEERING TECHNOLOGIES PVT. LTD.**  
Plot.No.38, 7th Main, J.C.Industrial Estate, Yelachenahalli,  
Kanakapura Road, Bengaluru – 560062, INDIA.  
TEL : +91-80-2686-0600 Fax : +91- 80-2686-0605

### Textile Machinery • Logistics Systems & FA Systems • Communication Equipment

**MURATA MACHINERY INDIA PRIVATE LTD. MUMBAI OFFICE**  
Unit No.401, 4th Floor, Madhava Building, Bandra Kurla Complex,  
Bandra East, Mumbai, 400051, INDIA  
TEL: +91-22-2659-0275-77 FAX: +91-22-2659-0280

## New Office inaugurated in Bangalore (Meiban Engineering Technologies Pvt. Ltd.)



On June 22, 2011, our Associate Company, Meiban Engineering Technologies' new office-cum- technical centre was inaugurated in Bangalore. The new building houses the office and show room area for machines. With an area of over 9000 square feet, the building comfortably seats upto 40 employees. The new office has a 20-seater conference room and two meeting rooms. One Moturum-2048UT CNC AC servo Turret Punch Press and one MW100 CNC chucker with Gantry loader have been installed in 2 separate show room spaces. These machines can be demonstrated to customers any time along with a display of various samples showcasing the capability of the machines. There is also a small warehouse to store parts to support our customers in India. With this new facility, Muratec has launched its five-year plan implementation of supporting Indian customers for greater satisfaction. State-of-the-art built-in solar panels for common area lighting and rain water harvesting system installed, enhance our contribution to the ecology.



## TOP INTERVIEW

**Q: What is your key goal of the new set-up?**

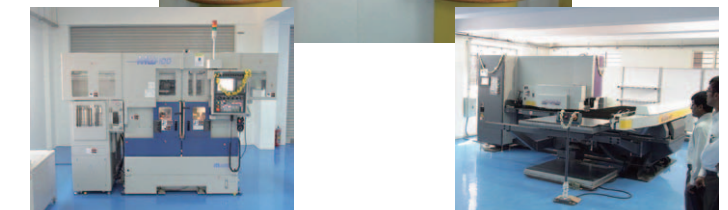
A: We would like to grow four times the present share in sheet metal machines and three times in metal cutting machines in 5 years. We are glad to be part of Muratec and with the addition of tech centre in Bangalore, we hope to achieve better heights. This initiative will help all our customers and make it easy to buy the products, as the customers can get a firsthand experience with the demonstration of the machines, besides training and service maintenance.



Mr. A. V. Srinivasan  
/Chief Executive Officer  
of Meiban Engineering  
Technologies Pvt. Ltd.

**Q: What are the overall activities of Meiban relating to Muratec in India?**

A: Meiban Engineering supplies and services sheet metal machines which include the latest CNC AC Servo Turret Punch presses of various capacities. In the metal cutting division, Meiban serves with high end automated twin spindle chucks for manufacturing automotive components, hydraulic components and bearing components. As a supplier of industrial goods, Muratec strives to ensure that the products we develop to meet customer requirements also satisfy international quality appraisals. Meiban as an Associate company of Muratec has to support the quality of the parent company to the same levels in India.



## Meiban Engineering Technologies Pvt. Ltd.

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# New Product

## New Muratec Press Brakes realizes high productivity.

Muratec's Dual drive press break BH series and All Electric Ball Screw driven BB series realize high productivity to Indian customers !

BH is mounted with dual drive system which separately controls high-speed up and down movement of the ram by AC servo motor and ball screw drive and hydraulic piston down-movement. The system enables high-speed drive and stable repeat-stop accuracy to realize high productivity. Simple and

fine adjustment is enabled with use of Ideal curve crowning system.

BB is driven by AC servo motor and ball screw mechanism. This machine can be effectively used for step bending because back gauge can be used for the full length of machine. BB series machines achieve high productivity with fast ram and back gauge plus extremely consistent repeat accuracy.

BB 4013

BH 13530



Muratec was established in 1935 and started produce press brake machine in 1999. Until now, our press brake machine has earned recognition as Muratec-TOYO in India.

And in this year, Muratec original press brake machine has been launched.

We are focusing on the specific requirements by Indian customers.

Closeness to the Indian customer is decisive if we are to properly respond to these expectations. That is why we have developed this machine for Indian market.

Taking this opportunity, we hope that it will be able to enhance your productivity.

Sheet Metal Machinery

## Partner for your Business Success

### Muratec's Multi-Functional Peripheral (MFP-Facsimile, Scanner, Printer & Copier)

This time we would like to introduce our advantages of the MFX-2010.

As you can see, Muratec has many divisions. Other OA makers don't produce industrial machines. All divisions have common concept, which is High Durability. Needless to say, Muratec's MFPs are built on High Durability.

And we produce MFX-2010 for not only our own brand also many OEM partners. Every OEM partner has own Quality Assurance test which is very strict. For example, some partner tested for 1 month and over 100,000 print-outs, FAX compatibility etc... and Muratec passed all the Tests.

Muratec produces High-end quality products, which assures best possible business environment. It means, Muratec products require very less or minimum maintenance.

We believe that would be a good advantage for both customers and dealers.

**MFX-2010** Simple, Smart and Compact MFP  
The Perfect fit for your office!  
One of the most compact in its class - A3 B/W MFP

COPY Printer Scanner FAX

**muratec**



Actually Muratec got some big tenders with this model in other countries. They focused on "Which is the Best Performer?", and "Value for money". All customers tested for 1 or 2 months before announcing the Winner, that's Muratec!

Reported by Jitesh Lakhwani  
Sales & Engineer of Muratec Dubai

Communication Equipment

# Customer Interview

## You can succeed in automation. Our turning machine contributes to your profit in automotive industry.

We interviewed Mr.T.N.Umashankar, Assistant General Manager and Mr. V. Gunasekaran, Manager of Production Engineering department.

They gave us the following grateful comments:

### Mr.Umashankar and Mr. Gunasekaran :

To have better control on the quality and productivity, we bought the MW200HG machine. Muratec agreed to prove out the machine in Muratec, Japan with our own bought-out chucks and tooling as per

Muratec suggestion. This has reduced the investment cost. We are happy because Muratec has done a good job in integrating the chucks and tooling supplied by DTVS. The cycle time and the quality parameters committed were achieved in the production run too. We are able to use minimum work force as the complete process from the work-feeder, OP10, turn around and OP20 is fully automatic. Muratec is the first machine we finalized with automation as far as the turning machines are concerned.



**DELPHI - TVS**  
Diesel Systems Limited



Right : Mr.T.N.Umashankar / General Manager - Manufacturing Engg  
Left : Mr.V.Gunasekaran / Manager of Production Engineering department

Delphi TVS Diesel Systems Limited is having 3 plants in India. The third plant is brand new plant built for manufacturing latest generation Common Rail Diesel Injectors, Filter systems and Pump systems. Delphi TVS is a Joint venture between Delphi Automotive Systems USA and T.V.Sundaram Iyengar and Sons, INDIA.

Delphi TVS is manufacturing diesel Injection equipments for cars, Multi Utility and sports Utility, Tractors, Light Commercial vehicles, Single and two cylinder engines. Delphi TVS is the ISO / TS 16949 and ISO 14000 certified company. The company has 1000 employees and their last year turnover is Rs.430 Crores.

CNC Turning Machine

## Need customer centric products? VORTEX gives you specialty application!

In southern India we had the opportunity to interview Mr. B. Gobinath, Technical Director, Sri Venkatalakshmi Spinners, who noticed the potential of VORTEX Spinning in the early stages to keep their market leadership position and keep developing the VORTEX market with their ingenious product development ideas and unceasing effort.

### Please tell us the latest situation of Sri Venkatalakshmi Spinners.

In 2010 we purchased VORTEX 861 for its advantages in productivity and cost. Understanding the capabilities of the VORTEX we again purchased 2 more machines in 2011. With the co-operation of the market we are expecting to expand our VORTEX capacity to a total of 15 numbers within 2 years.



### Why did you choose VORTEX861?

Our company's mission was to differentiate through process. We wanted to produce different kinds of products from that of what other major spinners are producing, which made us to buy VORTEX 861. The idea was to use an innovative technology along with our own ideas to create new products to the market. VORTEX 861 did the same for us. These machines are innovative and economically viable due to low labor, power and maintenance costs. There is also a saving in space for running these machines. Currently there is huge shortage of skilled labor in India, VORTEX machines being very labor friendly is helping us to solve this problem to an extent. We strongly believe that VORTEX will play a defining role in the future of the spinning industry.



Sri Venkatalakshmi Spinners (P) Ltd.(SVS)  
Mr. B. Gobinath  
/Technical Director



Sri Venkatalakshmi Spinners (P) Ltd.(SVS) was established in 1980 at Udumalpet, a textile town around 70 km. from Coimbatore. The company now focuses primarily on spinning Polyester/Cotton/Viscose/Other Specialty Fibers including Technical Fibers using RING and VORTEX SPINNING technologies. Most of their production is marketed all over India and they also export to Europe and Far Eastern Countries.

Textile Machinery