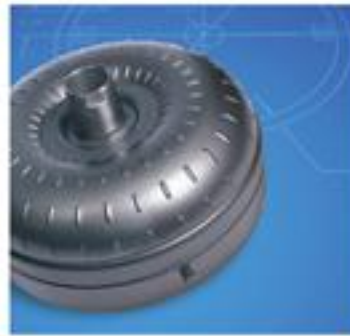


Alma Products Company

Metal Stamping Capabilities Presentation



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STAMPING EQUIPMENT

ALMA PRODUCTS COMPANY - MAIN PRESSES - STAMPING OPERATIONS

	DANLY	VERSON	BLISS	MINSTER	VERSON	VERSON	CLEARING (2)
TYPE	AUTO	AUTO	AUTO	AUTO	MANUAL	MANUAL	MANUAL
TONNAGE	1000	500	100	200	1000	500	200
STROKE	12"	14"	1.5"	4"	12"	14"	16"
SHUT HEIGHT	48"	38.5"	13"	18.5"	28"	38.5"	32"
RAM ADJ.	8"	8"	2.5"	6"	10"	8"	8"
BED SIZE	48" X 96"	48" X 60"	27" X 37"	48" X 44"	63" X 52"	48" X 60"	39" X 64"
SPM	20 - 40	35	70 - 210	75-225	20	35	24

- Automatic Presses are coil fed
- 18 Total Presses in house, above is selection of main stamping equipment
- All stamping operations serviced by 10 ton overhead crane
- Minimum blank thickness: .040" Maximum blank thickness: .160" up to 24" coil width



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OPERATIONS & PRODUCTS

- **UTILITY/SETUP/OPERATION**
- **DIE MAINTENANCE & REPAIR**
- **PRODUCT ENGINEERING & DESIGN**
- **POST STAMPING OPERATIONS:**
 - Vibratory finishing, De-burr & Rust Prevention
 - Machining operations: Weld, Drill/Tap/Ream, Threading
 - Assembly, Welding, Brazing
 - Packaging, Logistics, Warehousing
- **PRODUCT EXPERIENCE:**
 - OE Supplier of Ford clutch and disc components (cover, balance weights, diaphragm springs, clutch plates, clutch hubs).
 - OE clutches for Model A to F150 & Escort
 - OE Turbine Stampings for Ford Motor Company (5R110)
 - Automotive AC Compressor Components
 - Automotive AC Brackets
 - Transmission Drive Plates
 - Alma has capacity and capabilities for a wide range of automotive stampings.





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SAMPLES OF STAMPED PRODUCTS



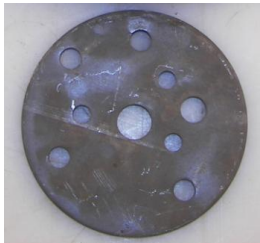
PROGRESSIVE



TRANSFER



FORGE PIERCE



BLANKING



SPRING FORM



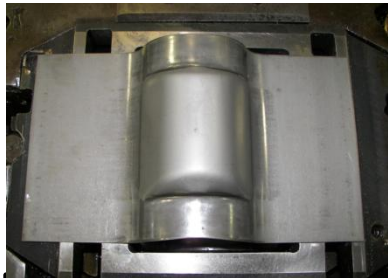
PRECISION



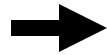
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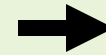
COMPLEX STAMPINGS – A6 SHELL



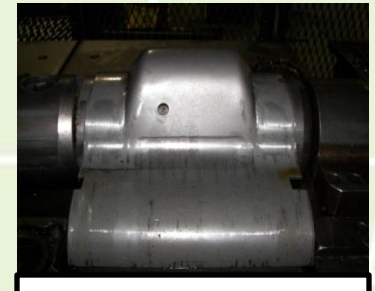
DRAW



SLOT



CAM PIERCE



FORM



DRAW



COMPLETED PART



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OTHER STAMPED PRODUCTS

- Low volume service parts
- Torque Converter Components
- Transmission Components
- Drive Train Components
- Exterior Trim Stampings
- Oil Pans
- Engine Valve Covers
- Brackets





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CONTACT INFORMATION

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