



AL FALFL Profile



AL-FALFL
MACHINES & AUTOMATION'S

PRECISION ENGINEERING COMPONENTS



Website





AL-FALFL

MACHINES & AUTOMATION'S

PRECISION ENGINEERING COMPONENTS

COMPANY PROFILE

Name	AL FALFL Precision engineering components
Address	Unit #2, Al Thawn, Al Khobar-34632, KSA
Tele fax	+966509843117, +966544023605
Mail ID	asugpy@falfl.com office@falfl.com
URL	www.falfl.com





AL-FALFL

MACHINES & AUTOMATION'S

PRECISION ENGINEERING COMPONENTS

About US

Welcome To AL-FALFL (**Precision engineering components**)

A renowned and well equipped CNC machining company in Dammam, Saudi Arabia. We take pride in delivering high-quality precision parts and components. With our expertise, we excel in machining complex 3D and 2D parts with the utmost accuracy. Our **CNC**-machining services are of the highest quality, utilizing state-of-the-art equipment. Our team of experts ensures the precise and efficient manufacturing of your components.

CNC Machining Components: Our state-of-the-art VMC (Vertical Machining Center) and HMC (Horizontal Machining Center) CNC machines enable us to handle a wide range of machining processes, from precision milling to turning shafts and cylindrical parts.

Precision Parts: At AL-FALFL, precision is our mantra. Our skilled team ensures that every part we produce meets the highest standards of quality and accuracy. You can trust us to deliver components that perfectly match your specifications.

Quality Assurance: Quality is at the core of everything we do. We have stringent quality control measures in place to ensure that every component leaving our facility is flawless. Our commitment to delivering the highest-quality products has earned us the trust of numerous clients across various industries.





OUR MACHINERY FACILITIES



1.VNL 803H CNC Vertical Lathe



2.VNL2506H CNC Vertical Lathe



3.VM802T Movable Column Vertical Machining Center



4.VM905T Movable Column Vertical Machining Center



5.HM63VD Horizontal Machine Center



6.HM63TD Horizontal Machine Center



7.HM125TS Horizontal Machine Center





VNL 803H CNC Vertical Lathe



The machines of this series fall into 2 categories of single column and double column. Using HSS and hard alloy tools in processing ferrous and nonferrous metals. It is the best choice for workpiece of cylindrical, conic, arch, threaded and other complicated structure of wind power industry.

SPECIFICATIONS

Item	Unit	Capacity
Max swing on bed	mm	1000
Max cutting dia	mm	800
Max workpiece height	mm	800
Max travel X/Z	mm	xc
Work Table Dia	inch	21
Work Table Max speed	r/min	1250





VNL2506H CNC Vertical Lathe



VNL 2506H vertical CNC lathe is designed for the roughing and finishing machining of black metal and non-ferrous metals with high-speed steel and carbide cutting tools, it also can do the high-speed cutting of the internal and external cylindrical surface, internal and external conical surface, arc, screw and rotary surface.

SPECIFICATIONS

Item	Unit	Capacity
Max swing on bed	mm	2750
Max cutting dia	mm	2500
Max workpiece height	mm	2000
Max workpiece weight	kg	16000
Max travel X/Z	mm	1520/1250
Work Table Dia	inch	2250





VM802T Movable Column Vertical Machining Center



Travelling column with twin hydraulic rotary worktables, impact structure, easy drainage and chip removal, The machine is good for heavy cut in machinery, vehicle, textile, pattern, civil aviation, motor and valve industries.

SPECIFICATIONS

Item	Unit	Capacity
Worktable size	mm	800 x 440 x 2
max loading	kg	2-350
worktable type		double hydraulic rotary worktable
travel	mm	700/420/560
spindle nose to worktable	mm	200-760
Max spindle speed	rpm	8000





VM905T Movable Column Vertical Machining Center



Travelling column with twin hydraulic rotary worktables, impact structure, easy drainage and chip removal, The machine is good for heavy cut in machinery, vehicle, textile, pattern, civil aviation, motor and valve industries.

SPECIFICATIONS

Item	Unit	Capacity
Worktable size	mm	960 x 600 x 2
max loading	kg	2-500
worktable type		double hydraulic rotary worktable
travel	mm	900/460/620
spindle nose to worktable	mm	230-850
Max spindle speed	rpm	6000
Max tool dia/length/weight	mm/mm/kg	ø80/300/8





HM63VD Horizontal Machine Center



"V" structure, traveling column structure. Wide span, high rigidity and tensility design. Automatic worktable and tool change. Multi processes of milling, drilling, boring, threading, reaming and countersinking could be finished for four sides with one mount.

SPECIFICATIONS

Item	Unit	Capacity
Worktable size	mm	2-630 x 630
max load	kg	1200
max workpiece dia/height	mm	ø1000 / 1000
travel	mm	1000/850/850
spindle nose to rotary table center	mm	180-1030
spindle center to rotary table	mm	120-970
spindle max speed	r/min	4500



HM63TD Horizontal Machine Center



The main structure of the machine is reversed T type, with full moving column structure, large span design, high rigidity. The worktable and tools can be changed automatically in machining. By one time clamping, the various process, including milling, drilling, reaming, boring, tapping, et conn the four faces can be finished.

SPECIFICATIONS

Item	Unit	Capacity
Worktable size	mm	2-630 x 630
max load	kg	1200
max workpiece dia/height	mm	ø1000 / 1000
travel	mm	1000/850/900
spindle nose to rotary table center	mm	200-1100
spindle center to rotary table	mm	0-850
spindle max speed	r/min	4500
Max tool dia/length/weight	mm/mm/kg	ø125/600/35
Max tool dia (neighbout empty)	mm	ø250





HM125TS Horizontal Machine Center



The machines of this series fall into 2 categories of single column and double column. Using HSS and hard alloy tools in processing ferrous and nonferrous metals. it is best choice for workpiece of cylindrical, conic, arch, threaded and other complicated structure of wind power industry.

SPECIFICATIONS

Item	Unit	Capacity
Worktable size	mm	1250 x 1250
max load	kg	4000
max workpiece dia/height	mm	ø2000 / 2000
travel	mm	2200/1500/1500
spindle nose to rotary table center	mm	300-1800
spindle center to rotary table	mm	120-1620
spindle max speed	r/min	4500
Max tool dia/length/weight	mm/mm/kg	ø125/600/35
Max tool dia (neighbour empty)	mm	ø250





Our CNC Equipment offers complete cutting technical solutions for all industrial fields based on the powerful scientific technology.





Civil Aviation

Civil aviation industries use a great deal of helicopters, autogiros, rockets, space shuttles and planet explorers as typical aerocraft. Airplane is the closest to our everyday life and mostly used in the air.

Typical Workpiece





Valve Industry

Valve is an indispensable flow control device in national economic fields like petrol chemical, power generation, pipelines, shipbuilding . The valve is used to stop, throttle, change pressure or flow of the medium in the pipelines. Valves used in industrial and civil engineering are generally: gate, globe, check, ball, butterfly, throttle, safety and relieve valves.

Typical Workpiece

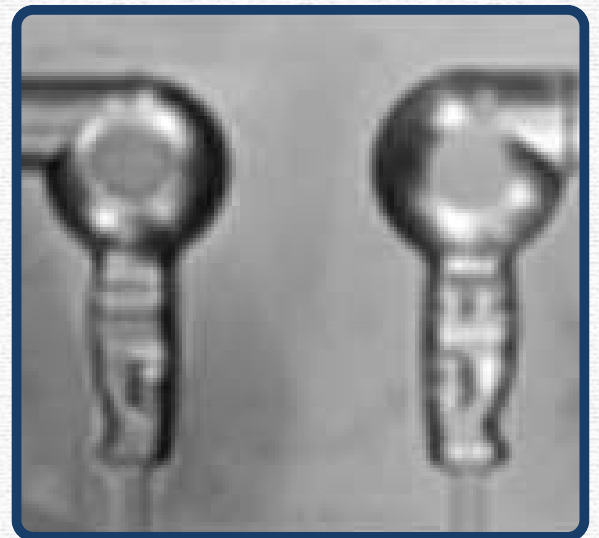
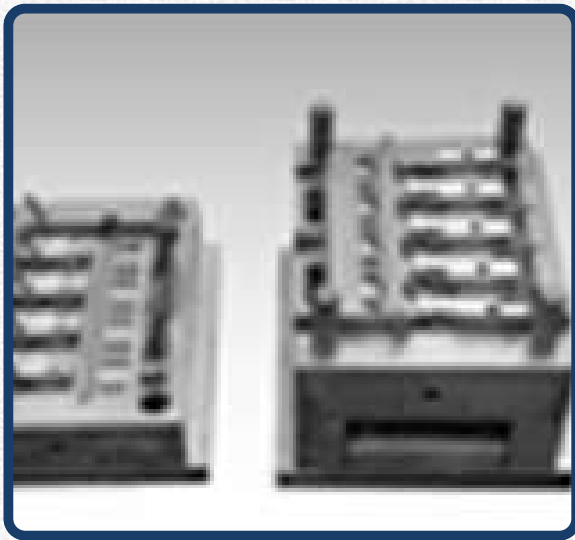




Pattern

Pattern is an integrated part of the manufacture industry. Comprised of injection pattern , pressing pattern , die-casting pattern and forging pattern, the modern patterns become more and more complicated and the products need to be updated at a quicker speed. More and more CNC equipment might meet the need of this situation.

Typical Workpiece



SAMPLE COMPONENTS MANUFACTURED BY US.

Components Manufactured



SAMPLE COMPONENTS MANUFACTURED BY US.

Components Manufactured



SAMPLE COMPONENTS MANUFACTURED BY US.

Components Manufactured

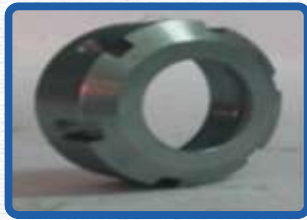


SAMPLE COMPONENTS MANUFACTURED BY US.

Components Manufactured

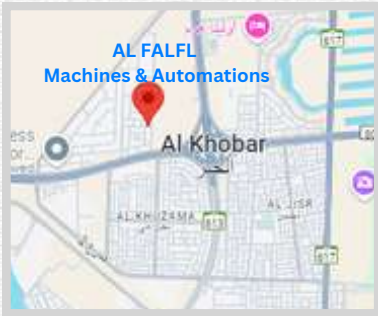


Components Manufactured in 4th Axis Machine.



Thank You

Our Office Locations



Unit #2, Al Thawn, Al Khobar-34632, KSA



yazeed bin malik st, Al Khalidiyah Ash Shamaliyah, Dammam 32211, KSA



Rail Complex Center Showroom 21, Aljamal area, Rehab street, Riyadh, KSA



AL-FALFL
MACHINES & AUTOMATION'S

PRECISION ENGINEERING COMPONENTS