



■ V-TORK KNIFE GATE VALVE AT
KPCL - RAICHUR KARNATAKA

**WE MAKE
WE CARE**

V-TORK

An ISO:9001 Company



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We are...

V-TORK CONTROLS, a professionally managed ISO 9001-2008 certified 5S Standard Company was established in 2008 in the engineering hub of South India. Our company is well equipped with the state of art infrastructure for design, manufacturing & supply of Knife Edge Gate Valves, Butterfly Valves, Multiport Ball Valves, Butterfly Dampers, Multilouver Dampers, Guillotine Isolation Dampers, Forged steel Gate, Globe, Check Valves and other Customized Valves & Engineering Products.

We are mainly focused to serve various Industrial sectors like Power Plants, Minerals & Metal Industries, Pulp & Paper Industries, Cement Industries, Water & Waste Water Treatments, Fertilizer Industries, Oil Refineries & other OEM's etc.





V-TORK CONTROLS are equipped with highly advanced design software. These design and analysis soft wares help us to optimize product design and continual improvements in products we develop. The strength of our company is achieved by team work of skilled professional dedicated staffs and workers. Our engineering team members of the **V-TORK** family are well experienced and equipped to take care of our client's requirements.



We make...

- ☐ Knife Edge Gate Valves
- ☐ Ball Valves
- ☐ Butterfly Valves
- ☐ Dampers
- ☐ Gate, Globe, Check Valves
- ☐ Customized Valves
- ☐ Customized Engineering Components



Knife Edge Gate Valve

Maintenance Engineers in the Paper & Pulp industries, Power Plants, Chemical Plants, Sugar Mills, Waste Water Treatment, Textile Mills etc, are plagued by problem caused by chocked and eroded valves. Where regular valves fails, **V-TORK** Knife Gate Valves provide longevity and fewer replacements resulting in less down time and overall economy.

Types of Knife Gate Valves

- ☐ 'U Series' Uni-Directional Knife Gate Valves
- ☐ 'B Series' Bi-Directional Knife Gate Valves
- ☐ SLUGATE™ - MS Series – Slurry Knife Gate Valves
- ☐ SLUGATE™ - MH Series – Slurry Knife Gate Valves
- ☐ ISOCOAL - Coal Burner Isolation Knife Gate Valves



U Series

B Series

MS Series

MH Series

ISOCOAL

- ☐ 'GL' Series Glandless Knife Gate Valves
- ☐ 'O Port' Knife Gate Valves
- ☐ Square Port Knife Gate Valves
- ☐ Bonnet Series Knife Gate Valves
- ☐ Fabrica Knife Gate Valves



GL Series

O PORT

SQUARE PORT

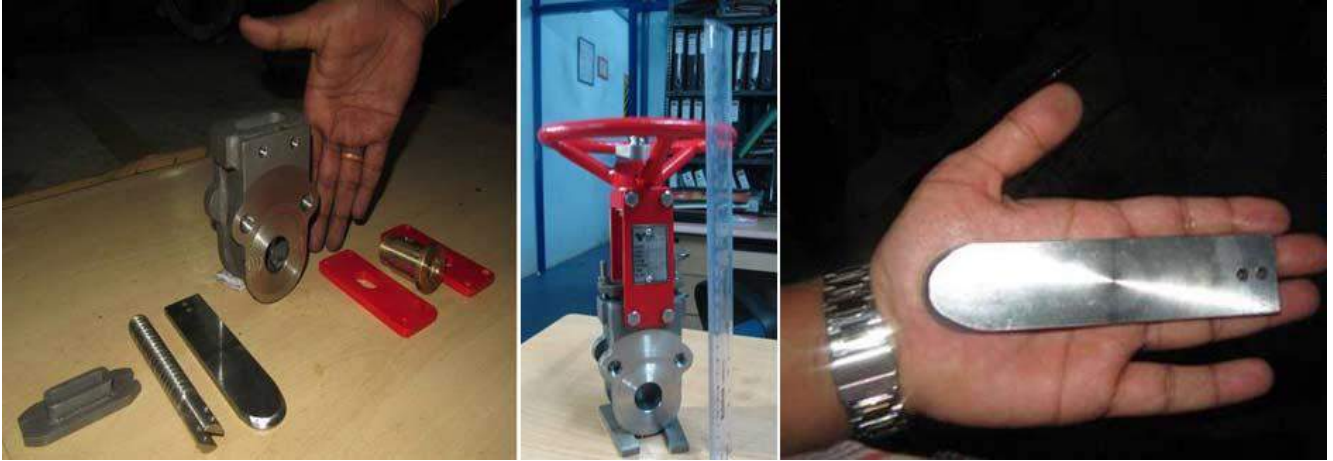
Bonneted

Fabrica

Features

- ☐ Sizes : 2" (50 mm) to 100" (2500 mm)
- ☐ Uni-Directional, Bi-Directional, Wafer / Lug / Flanged Type
- ☐ Metal Seated, Soft seated and Elastomer seated
- ☐ Designed as per MSS SP 81, and customized as per client requirement
In the area of high erosion we provide "Wear Resistant Ring" to avoid the body damage.
- ☐ For throttling and metering application we provide V-PORT fixtures also.
- ☐ Valves can be supplied with all mode of operations like Manual, Gear, Pneumatic, Hydraulic and Electrical
- ☐ These valves are mainly used in Power, Steel, Mining, Pulp & Paper, Waste Water, Cement and Chemical industries.
- ☐ Our design limits upto Size - 100" and we supply all types of special alloys and other higher sizes on request.

World's Smallest Knife Gate Valve from V-TORK (25NB)



Ball Valves

Types of Ball Valves

- ☐ S Series (Screwed, Socket welded & But welded)
- ☐ F Series (Flanged Valves)
- ☐ M Series (Multi port Ball valve (3 way/ 4 way))

Features

- ☐ Size range:1/2" to 20"
- ☐ Three Piece construction (Class#150,800,1500 & 2500)
- ☐ Two piece construction flanged ends(Class#150,300,600 &15000)
- ☐ Ball Valves Metal to Metal Seated for high temperature application.
- ☐ Valves can be supplied with mode of operations like Manual &Pneumatic
- ☐ All material of construction, Fire Safe Design, Trunnion mounted, Multiport (3Way & 4Way) with all mode of automation arrangements.



Butterfly Valves

Types of Butterfly Valves

- ☐ C Series – Concentric Butterfly Valves
- ☐ DF Series - Double Eccentric Butterfly Valves
- ☐ 3X Series - Triple Eccentric Butterfly Valves
- ☐ 2X Series - Double Flanged Butterfly Valves

Features

- ☐ Concentric Butterfly valves with Soft seated (Molded and replaceable seat) Sizes: 2" to 60" Pressure Rating : PN10, PN16 & Class #125
- ☐ Double Eccentric Butterfly valves (Double offset) Metal to Metal Seated Size : 2" to 60", Pressure Rating : Class # 150, 300 & 600
- ☐ Triple Eccentric Butterfly valves (Triple offset) Metal to Metal Seated Size : 2" to 60", Pressure Rating Class # 150, 300 & 600
- ☐ Double flanged Butterfly valves Size : 2" to 60" Pressure rating PN10, PN16, Class # 150 & 300
- ☐ All material of construction and for any critical severe application



C Series



2X Series



3X Series



DF Series

Dampers

Types of Dampers

- ☐ Butterfly Dampers
- ☐ Multi louver Dampers
- ☐ Guillotine Gate Dampers

Features

- ☐ Dampers are used in various places of the ducting system from the boiler to the chimney. They can be used for isolation or flow control. Different designs can be used to give 100% seal tightness for man-safe operations.
- ☐ Dampers are designed on the basis of - Design and Operating values of the medium temperature, pressure and flow rate Composition and nature of the medium flowing in the ductwork Dust content in the medium
- ☐ Special requirements with regard to installation Space availability etc.

- Each Damper is custom built to suit the application - temperature ranging from -65°C to +1200°C , Choice of material and composition
- Material of construction as per the client requirements and size ranges from 2" to 120"



Butterfly Damper



Guillotine Gate Damper



Multi Louver Damper

Gate, Globe, Check Valves

Gate Valve

- Manufacturing Standard :- API 600/API 603/API 602/API 6D/BS 1414
- Testing Standard API 598/BS 6755
- Size Ranges :- 1" to 24" – Class 150# 1" to 18" – Class 300# 1" to 12" – Class 600# 1" to 12" – Class 1500#/2500# ¼' to 2" – Class 800#/1500#

Globe Valve

- Manufacturing Standard :- BS 1873/ISO 15761
- Testing Standard :- API 598/EN 12266 I&II
- Size Ranges :- 1" to 24" – Class 150#, 1" to 18" – Class 300#, 1" to 12" – Class 600#, 1" to 12" – Class 1500#/2500#, ¼' to 2" – Class 800#/1500#

Check Valve

- Manufacturing Standard :- BS 1868/API 6D/ISO 15761
- Testing Standard :- API 598/EN 12266 PART I&II/API 6D
- Size Ranges :- 1" to 24" – Class 150#, 1" to 18" – Class 300#, 1" to 12" – Class 600#, 1" to 12" – Class 1500#/2500#, ¼" to 2" – Class 800#/1500#



Gate Valve



Globe Valve



Check Valve

Customized Valves



We care...

- We have a fully functional service team to provide efficient and prompt after sales support backed by professional expertise.
- Our after sales service is geared to achieving maximum customer satisfaction. Warranty-related matters are our responsibility, and we handle these with the help of our equipped service team.
- Even after the end of the warranty period, **V-TORK** form a link between the customers.
- Our after sales service team is always ready to clarify your technical requirements & handle customer complaints on immediate basis.



We are at...

Our Prestigious Clients



Our Major Customers

NTPC LTD – Ramgundam

NTPC LTD – DADR

Steel Authority of India LTD – SAIL (Bokaro)

Bhaba Atomic & Research Centre – (BARC) – Trombay

Nuclear Fuel Complex – Hyderabad

Liquid Propulsion Systems Centre – (ISRO) – Mahendragiri

Southern Railways – Trichy

TATA Projects LTD – Dombivili

McNally Bharat Coal & Mineral Technology India P L – Kharagpur

MSPL LTD – Hospet

BMM Ispat LTD – Bellary

Bhushan Steels LTD – Angul

Janki Corp LTD – Bellary

Arya Iron & Steel P L – Barbil

Oil & Natural Gas Corporation Ltd (ONGC),

Karnataka Power Corporation Limited – (Raichur Thermal Power Station)

TORRENT Power LTD – Sabarmati Power Station

VedanthaAluminium LTD – Jharsuguda

Sesa Goa LTD – SesaSterlite LTD – GOA

Fluid Control Research Institute – Palakad

TANGEDCO LTD – (TUTICORIN)

JSW Steel Limited (Mettur)

JSW Energy Limited - (BELLARY) / JSW Steel LTD – (BELLARY)

Indian Oil Corporation Limited – (IOCL)

Everest Industries Limited - (A Group Company of ACC Cements)

Mangalore Chemicals & Fertilizers Limited – (UB Groups)

DCW LTD – Arumuganery

Hindustan Gum & Chemicals LTD – Virangum

Philips Carbon Black LTD – Kochi

Confidence Petroleum India Ltd

Tamilnadu News Prints Limited - (TNPL)

J K Paper Mills Limited

Andhra Pradesh Paper Mills Ltd – (APPM)

Sirpur Paper Mills LTD – Adilabad

Ballarpur Industries Limited - (BILT) – Chandrapur

BILT Graphic Paper – Bhigwan

Seshasayee Paper And Boards Limited – (SPB)

Adithya Birla – Ultratec Cements LTD – Rengareddy

Shree Cements LTD – Beawar

Adithya Birla – Grasim Industries LTD – Haveri

Hindusthan Unilever LTD – Silvassa DETS Factory

Hindusthan Unilever LTD – Chiplun Factory

GE India Industrial P L – Bangalore

Mahindra Water Utilities LTD – Erode

Wellknown Polyester LTD – Daman

OerlikonBarmag – Germerby

Arvaco Process & Controls P L – Australia

West Kenya Sugars LTD – Kenya

Verlind Cranes & Hoisters LTD – Johanaburg

We can be reached at...

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