



FLOW CONTROL SOLUTIONS FOR THE OIL & GAS INDUSTRY

INNOVATION, DESIGN,
MANUFACTURE & AFTERMARKET SERVICES





CELEROS FLOW TECHNOLOGY- AN INTRODUCTION

Celeros Flow Technology are a full lifecycle optimization partner and advisor to the world's critical flow systems. Through our renowned pumps, valves, filtration and pipeline access brands, we manufacture and market products, components, services and technologies that are integral to meeting today's challenges and tomorrow's needs.

We offer an engineering environment where innovation is fostered, and the real needs of industry are understood. We transform ideas into powerful solutions to help our customers meet their goals, overcome business challenges and thrive in a complex, constantly changing marketplace.

Our advanced flow control and fluid handling solutions are helping oil & gas companies worldwide to maintain product quality, improve efficiency and maximize uptime.



OUR PRODUCTS AND BRANDS

PUMPS

- CLYDEUNION® PUMPS
- PLENTY®
- S&N PUMPS®

VALVES

- COPEs-VULCAN®
- M&J VALVE®

FILTRATION

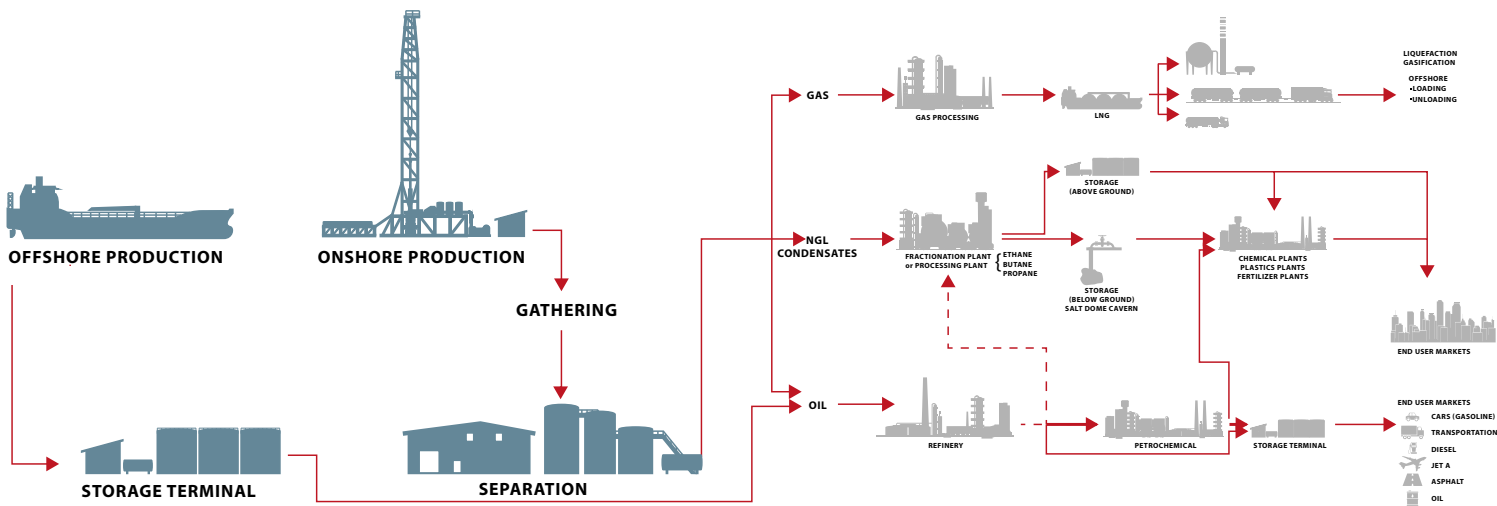
- AIRPEL®
- DOLLINGER®
- PLENTY®
- VOKES®

CLOSURES AND SIGNALLERS

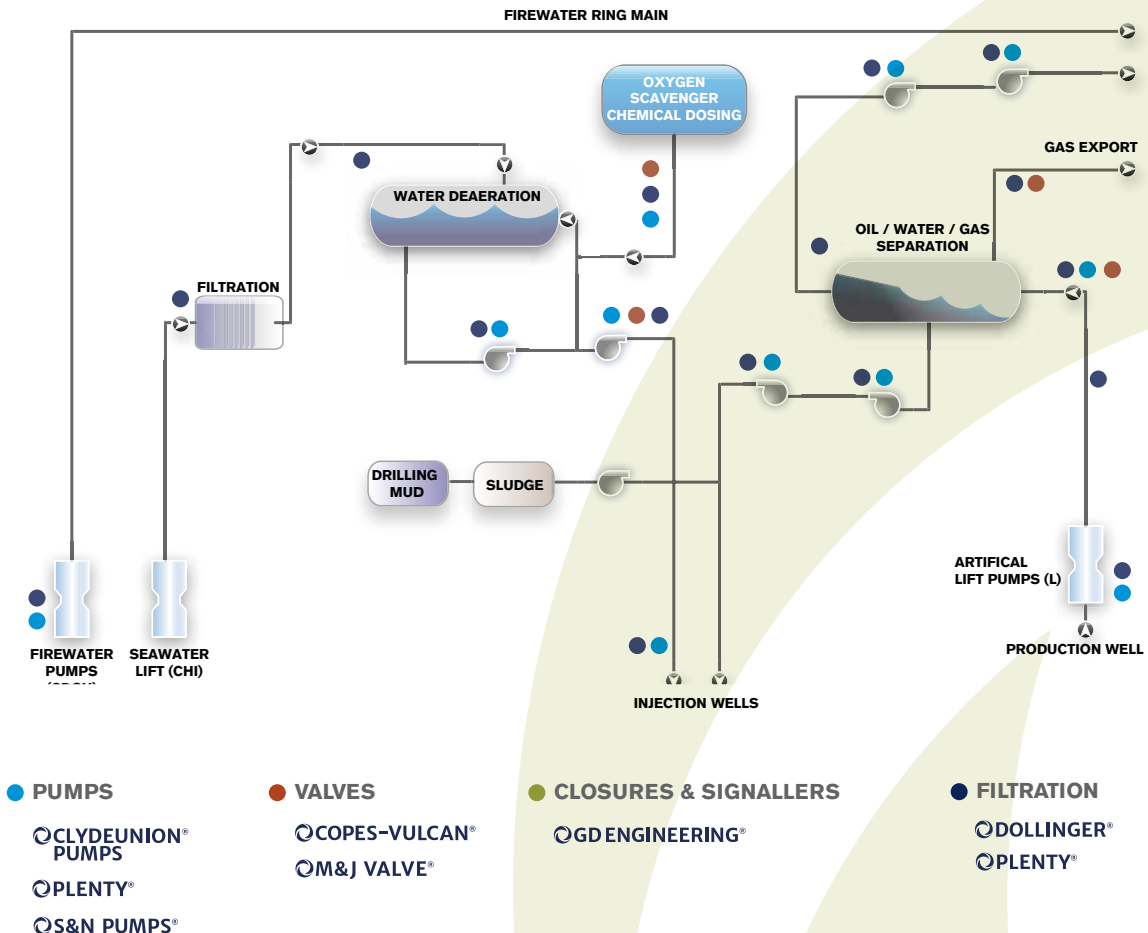
- GDENGINEERING®

UPSTREAM

Oil and gas reservoirs are being explored and developed in increasingly challenging environments, both onshore and offshore. Whether it be new field developments or field life extension, Celeros FT is proud to offer a comprehensive range of innovative flow control solutions aligned to ever evolving industry requirements for fixed platforms, shale or oil sands applications and floating facilities such as FPU's and TLP's.



CELEROS FLOW TECHNOLOGY IN THE OFFSHORE PROCESS



OIL & GAS PRODUCT PORTFOLIO



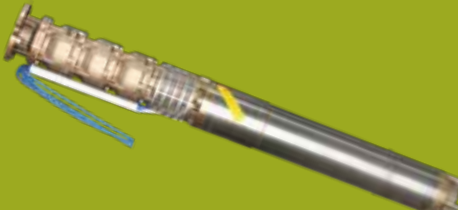
ClydeUnion Pumps
BB5 High Pressure Water Injection Pump



Plenty Filters
Duplex Strainer



ClydeUnion Pumps
HSP Hydraulic Submersible Pump system



S&N Pump
Electrical Submersible Pump System

Most of our products are applicable throughout the upstream - midstream - downstream O&G process.



Plenty Pumps
Twinro Two Screw Pump



GD Engineering
Bandlock™2 Closure.



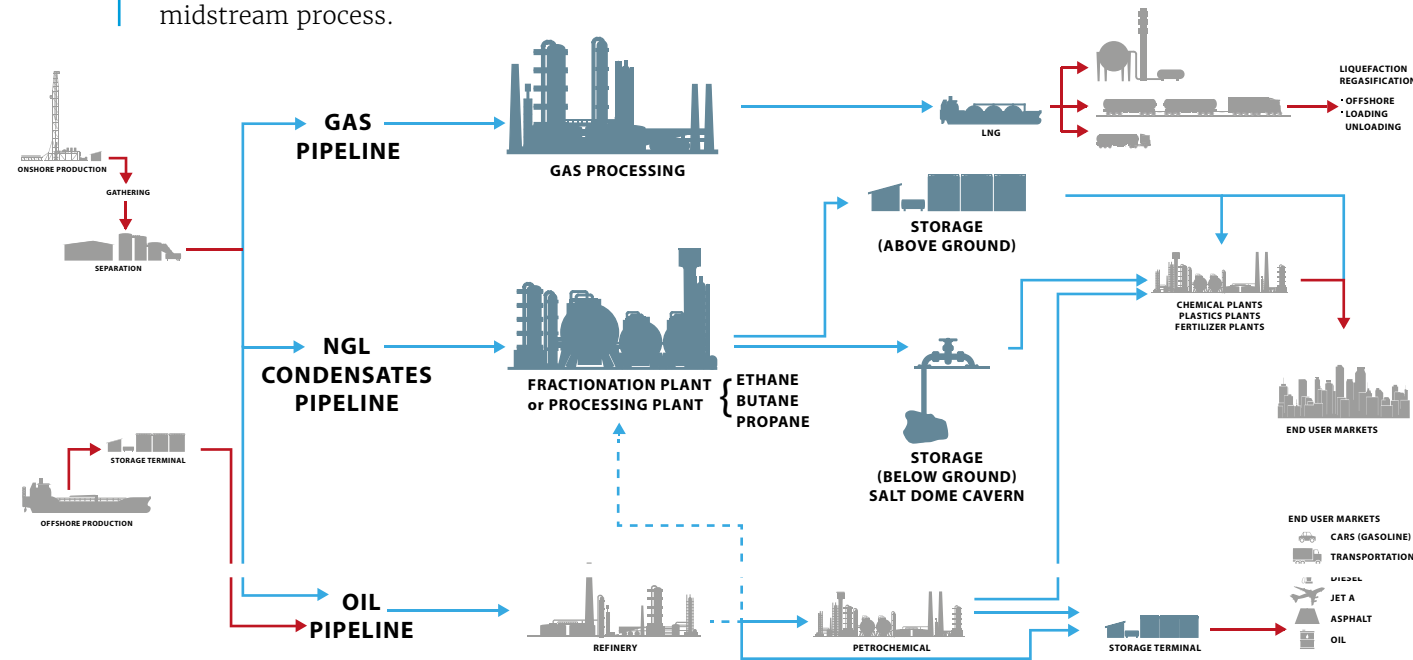
Copes-Vulcan
General & Severe Duty Control Valves



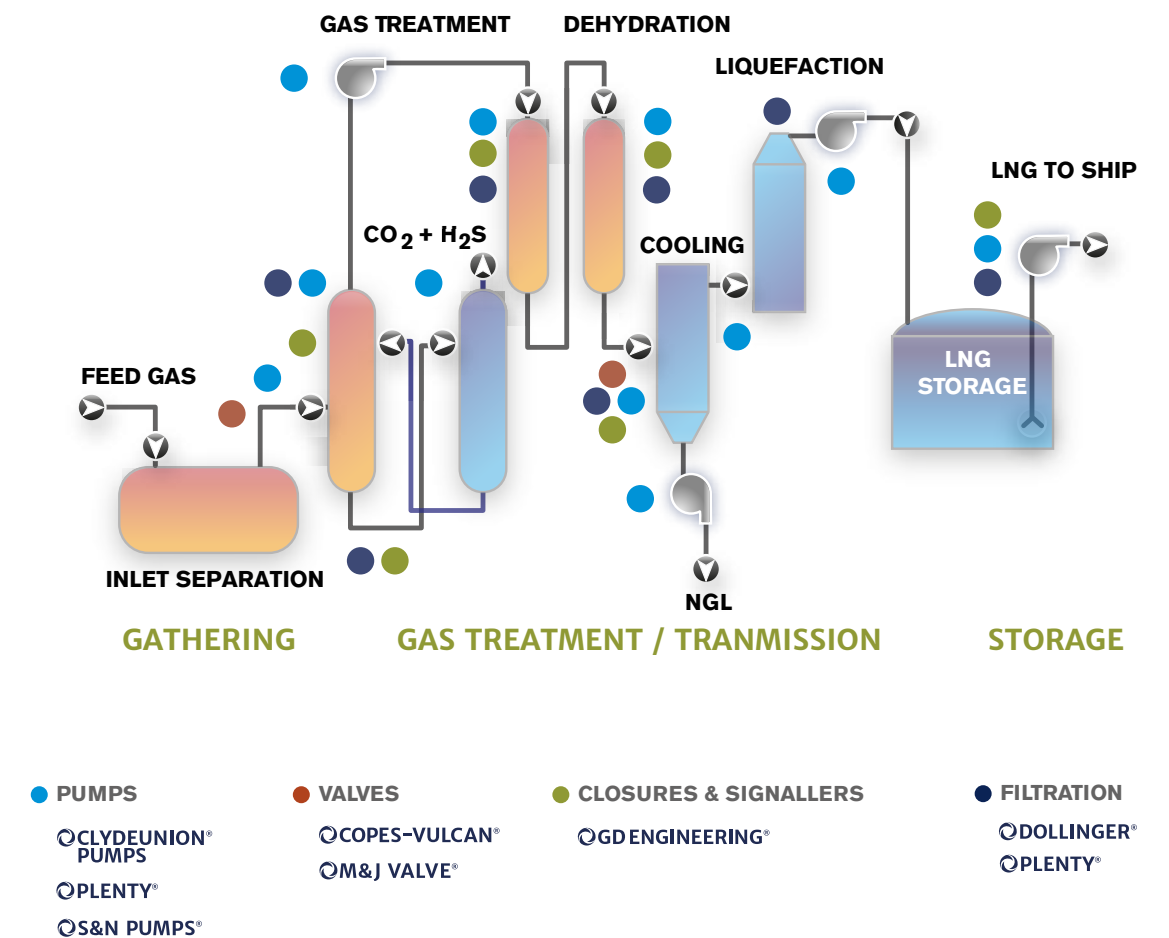
Plenty
Back Flush Filter Package

MIDSTREAM

Wherever fluids enter or leave the pipeline, as well as at each pump or compressor station, Celeros FT offers one of the most complete ranges of flow control solutions available. We supply pumps, valves, filtration, closures, pig signallers and launchers to control product flow and integrity throughout the midstream process.



CELEROSFLOW TECHNOLOGY IN THE LNG LIQUEFACTION PROCESS:



OIL & GAS PRODUCT PORTFOLIO



ClydeUnion Pumps

BB1 Single / two stage, API, axially split, between bearings pump



M&J Valve

Axial Surge Relief Control Valve



M&J Valve

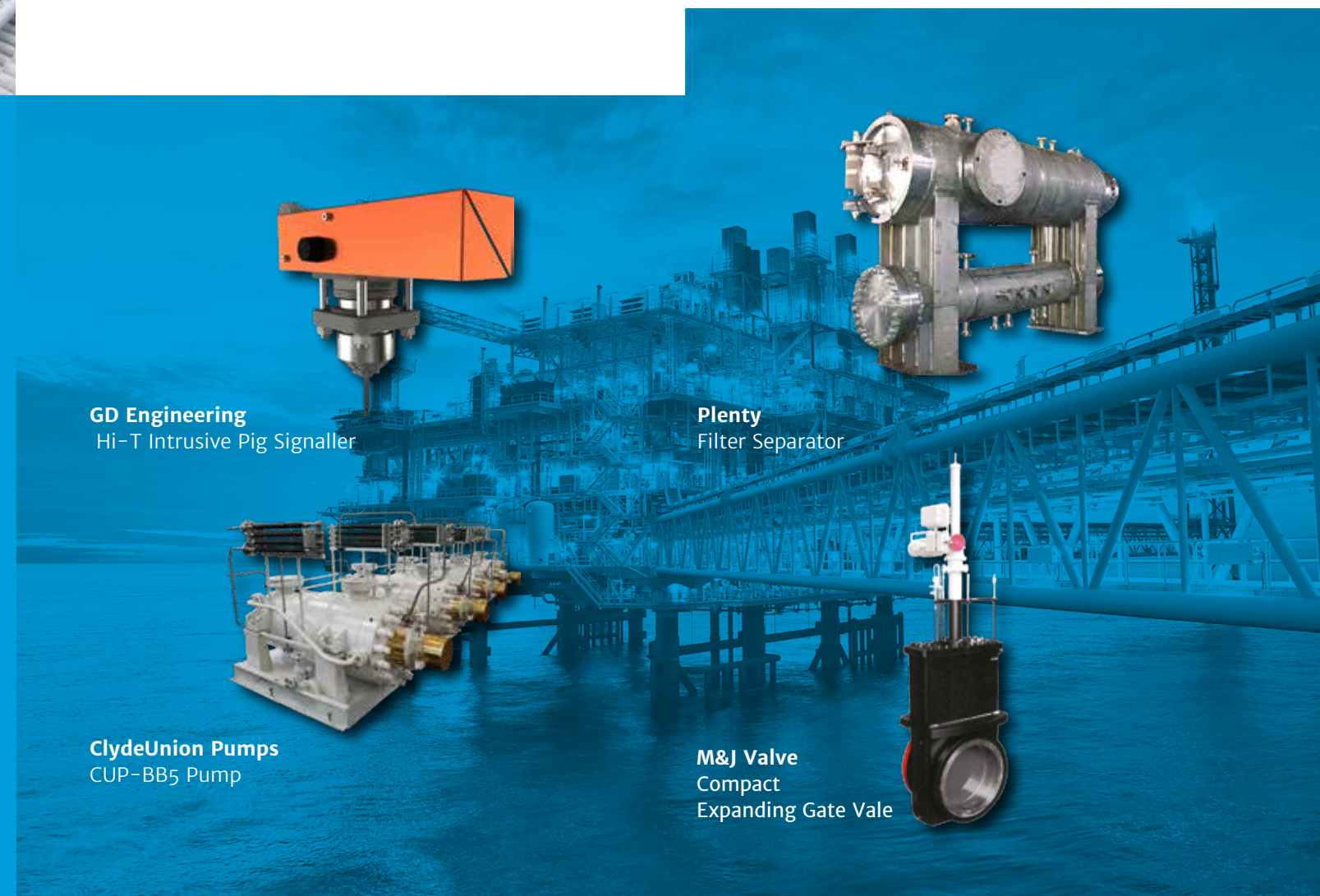
Pipeline and Terminal Expanding Gate Valves



GD Engineering

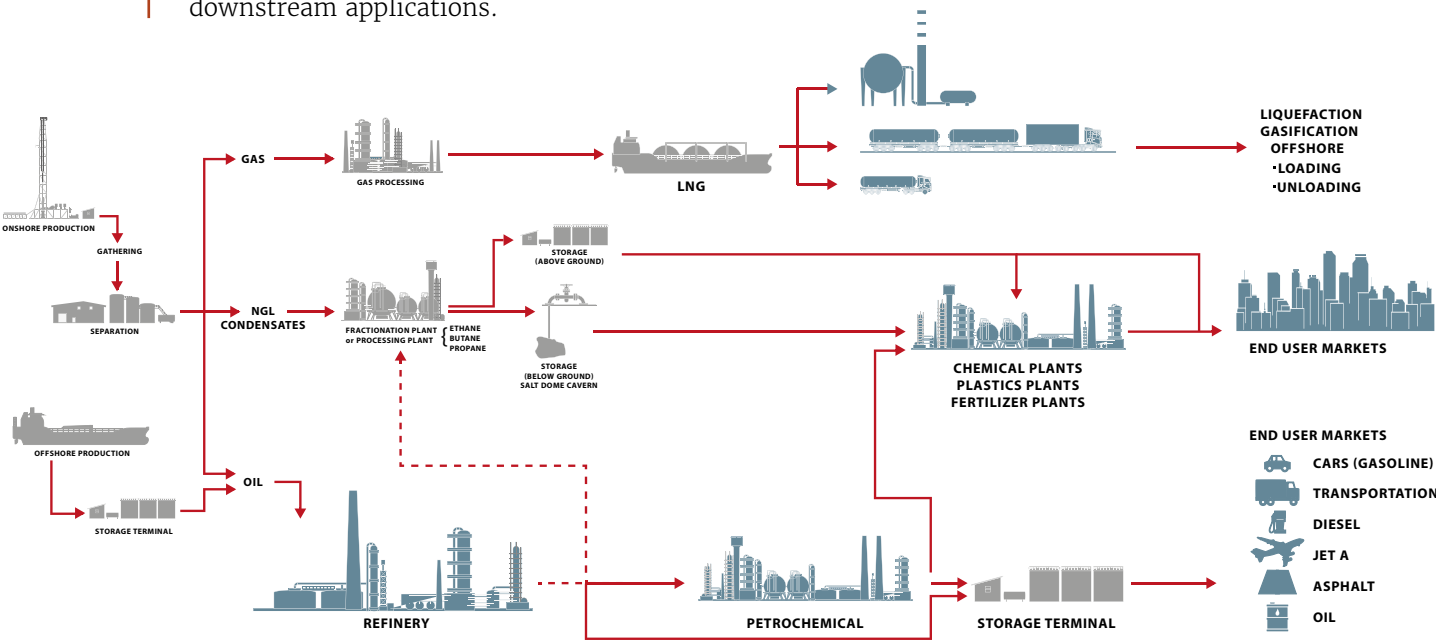
Bandlock™2 Closure

Most of our products are applicable throughout the upstream - midstream - downstream O&G process.

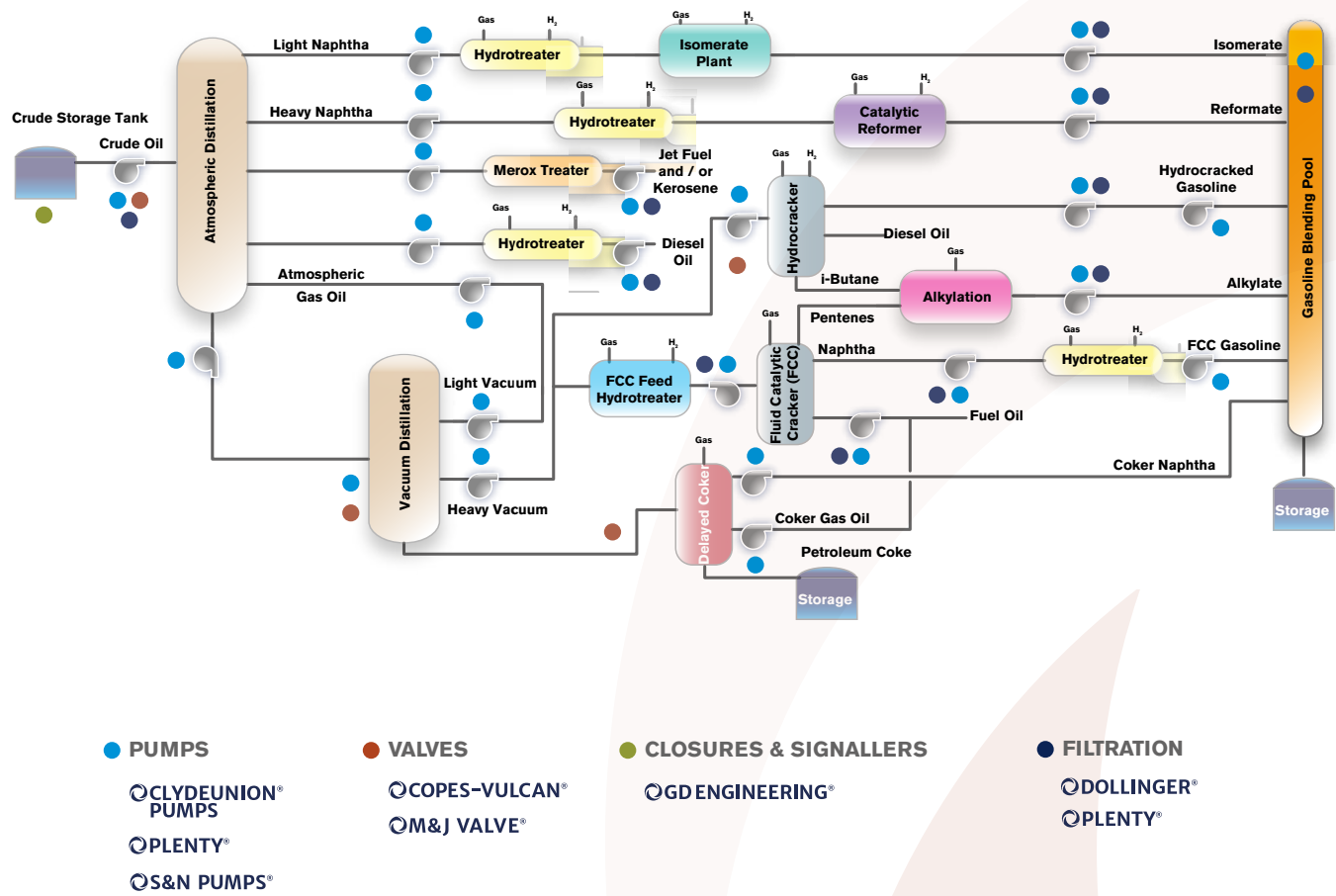


DOWNSTREAM

Celeros Flow Technology brands combine centuries of engineering experience in refinery and petrochemical applications worldwide. We offer one of the widest selection of pump types in the industry, alongside innovative filtration systems, quick-opening closures and high reliability valves for downstream applications.



CELEROS FLOW TECHNOLOGY IN THE REFINERY PROCESS



OIL & GAS PRODUCT PORTFOLIO



ClydeUnion Pumps
BB3 - Heavy-Duty Multi-stage, Axially split pump



ClydeUnion Pumps
OH2 LL - Single Stage, Low Flow, End Suction Pump



ClydeUnion Pumps
Heavy-Duty Horizontal Reciprocating Pump



Plenty
W750 - Twinro 2-Screw Pump



GD Engineering
BandlockTM2 Closure



ClydeUnion Pumps
CUP-BB3 Pump



Dollinger
Fuel Oil Coalescer



Airpel
OW Filter

Most of our products are applicable throughout the upstream - midstream - downstream O&G process.

AFTERMARKET Lifetime Support Worldwide

From single products to fully integrated skidded packages, Celeros Flow Technology solutions are designed to provide exceptional performance, efficiency, reliability, long life and easy maintenance. They are supported by comprehensive, global aftermarket services and expert engineering to ensure the best solution for the application.

For more information about our service centres, please go to www.celerosft.com/service-centers



CONDITION MONITORING
Data Analysis
Trend Spotting
Real Time Monitoring
System Upgrades
Predictive & Preventive Maintenance



ASSET MANAGEMENT
Installation & Start-up Support / Training
On-site Field Support
Inventory Management
Remote Diagnostics
Quality Assurance



RE-ENGINEERING & UPGRADES
Process & Mechanical Consulting
Original Spare Parts – Rapid Delivery
Rapid Manufacture
Laser Scan Parts & Re-engineering
Repair & Exchange Services



200 YEARS OF FLOW CONTROL EXCELLENCE

1790

PLENTY®

- **Pumps:** Positive Displacement Pumps (two and three screw pumps, rotary vane pumps)
- **Filtration:** Filters, Strainers, Coalescers , Separators

1871

CLYDEUNION® PUMPS

- **Pumps:** Centrifugal pumps (BB1-5, VS1-6, OH1-4), Reciprocating pumps, Submersible Pumps*
- **Specialist Technology:** CP System, Auxiliary Offshore Reel System

1903

COPEPES-VULCAN®

- **Valves:** Severe Duty Control Valves, Desuperheaters
- **Specialist technology:** Raven Trim, Compressor Anti-Surge Valves

1921

DOLLINGER®

- **Filtration:** Liquid, Particulate, Backflush and Activated Carbon Filters, Strainers, Coalescers, Separators

1944

GDENGINEERING®

- **Closures:** Bandlock® 2, Flanged and very high temperature Closures, Intrusive and Non-intrusive Signallers, Topside Multiple Pig Launching Systems

1962

M&J VALVE®

- **Valves:** Slab Gate and Expanding Gate valves, Ball Valves, Check Valves, Surge Relief Valves, 4-way Diverter Valves, Control Valves

**CelerosFT guarantee supply of parts for all ClydeUnion Pumps heritage brands and/or obsolete products, including: Weir Pumps, David Brown Pumps, DB Guinard Pumps, Clyde Pumps, Union Pump, Mather & Platt, Drysdale, Allen Gwynnes, American Pump, Pumpline, Girdlestone and S&N Pump*



FLOW CONTROL SOLUTIONS FOR THE OIL & GAS INDUSTRY

INNOVATION, DESIGN, MANUFACTURE
& AFTERMARKET SERVICES

| SPEED
| EXCELLENCE
| PARTNERSHIP

PUMPS

ClydeUnion Pumps	www.celerosft.com/clydeunion-pumps	E: cu.sales@celerosft.com
Plenty	www.celerosft.com/plenty/pc-pumps	E: plentypumps@celerosft.com
S&N Pumps	www.celerosft.com/s&n-pumps	E: s&npumps@celerosft.com

VALVES

Copes-Vulcan	www.celerosft.com/copes-vulcan	E: copeinquiries@celerosft.com
M&J Valve	www.celerosft.com/mj-valve	E: mj.valve@celerosft.com

FILTRATION

Dollinger	www.celerosft.com/dollinger	E: dollinger.sales@celerosft.com
Plenty	www.celerosft.com/plenty/pc-filtration	E: plentyfilters@celerosft.com
Airpel	www.celerosft.com/airpel	E: airpel@celerosft.com
Vokes	www.celerosft.com/vokes	E: vokes@celerosft.com

CLOSURES & SIGNALLERS

GD Engineering	www.celerosft.com/gd-engineering	E: gd@celerosft.com
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Celeros Flow Technology reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction, and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing. Please contact your local sales representative for product availability in your region. For more information, visit www.celerosft.com.
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www.celerosft.com