

VANZANDT

CONTROLS, LLC



VZ ESD™

HYDRAULIC ACTUATION OPTIONS

Man-Power v Electric

Man-Power



ElectroHydraulic



MANPOWER ACTUATION

Visual Confirmation Required

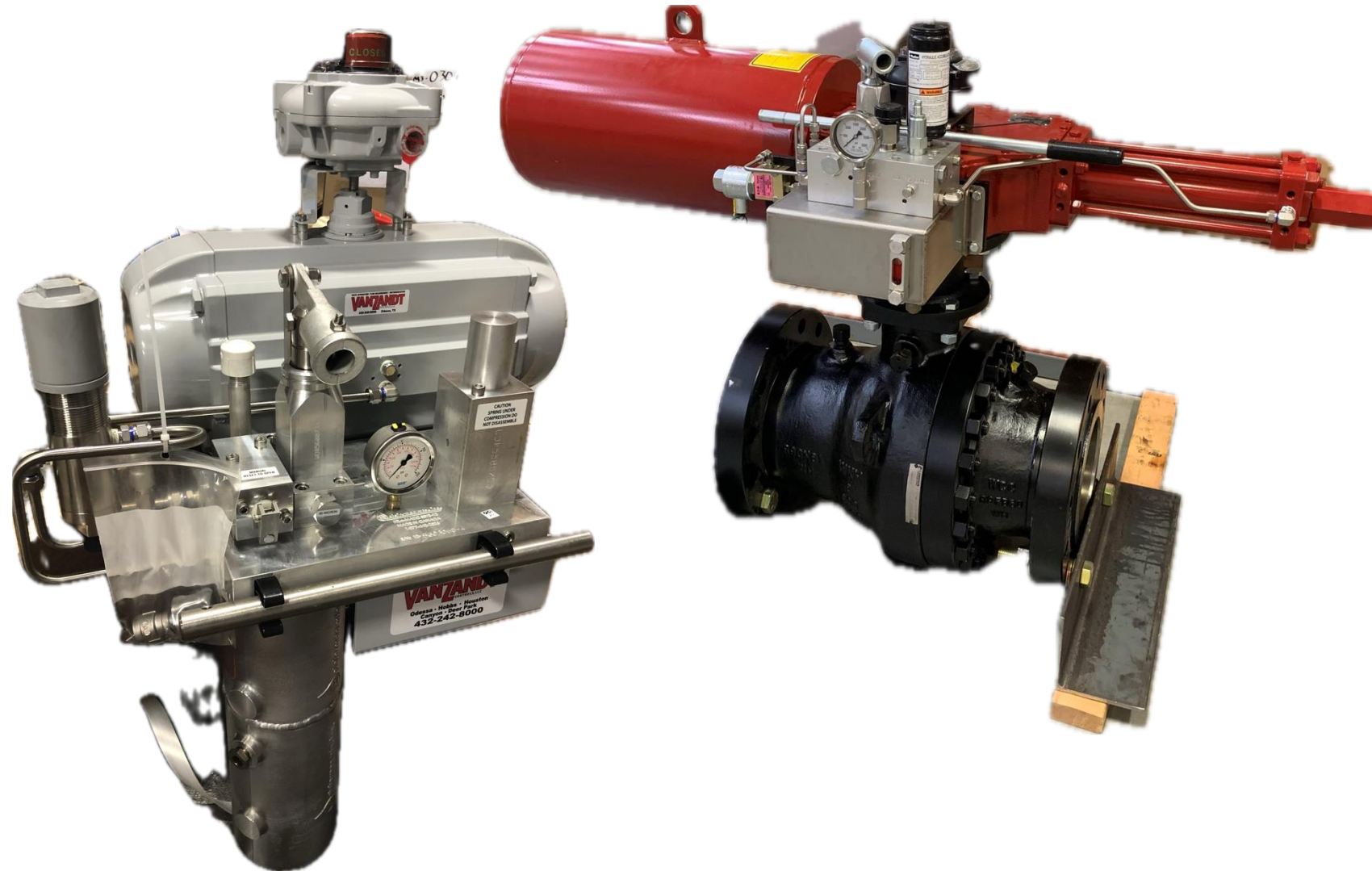


Key Features

Manual Reset, Not Automated
Trigger Close with Pressure Pilot(s)
Or Solenoids or Both

Key Applications

ESDs
Customer requires someone present
To Assess the Situation
Before Manual Reset is completed



ELECTROHYDRAULIC ACTUATION

Simple & Reliable



Modular Design

Per Power Supply: Common Pump, Motor & Manifold
Across all packages
Change Solenoid & Actuator for sizing



24 VDC / Solar Power Option
Some Competitors do not provide

Midstream = Key Application

Linear or Rotary valves
Unlimited Torque range

Backup Hand Pump

Included in all our packages
Optional for some competitors

Adjustable Closing Speed

Less than Two Seconds
Adjustable for Longer Closing Time
Optional for Rotork
Some Competitors do not provide



Less Leak Points

Manifold Design incorporates all controls
Competitors have external controls = more leak points

Motor RUN Timer

Field Adjustable [3x typical stroke time]
Prevents
Motor & Pump Running too long
Reduces Excessive Coupler Wear
Alarm Indication
Local LED
Remote Notification supported via Dry Contacts

**Quick
Replacement
Parts**

Dynamic Torque Adjustment

As Valve ages, Torques may Increase
EH units automatically increase OPEN T as Valve demands
Some ESD Package's T Increasing 150% after 2-3 months