



PRODUCT CATALOG

REPRESENTED BY:

R&L POWER SYSTEMS

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R&L POWER SYSTEMS

PREFACE

THE BASIS THAT THIS COMPANY WAS BUILT ON IS GIVING SUPERIOR CUSTOMER SERVICE WHILE ALSO PROVIDING A QUALITY PRODUCT AT RESONABLE PRICE. OUR GOAL IS TO BE YOUR SUPPLIER. ONCE YOU BECOME A CUSTOMER WE WANT TO KEEP YOU AS A CUSTOMER.

THANK YOU FOR REVIEWING THIS CATALOG AND FEEL FREE TO CONTACT US FOR ANY OF YOUR NEEDS.

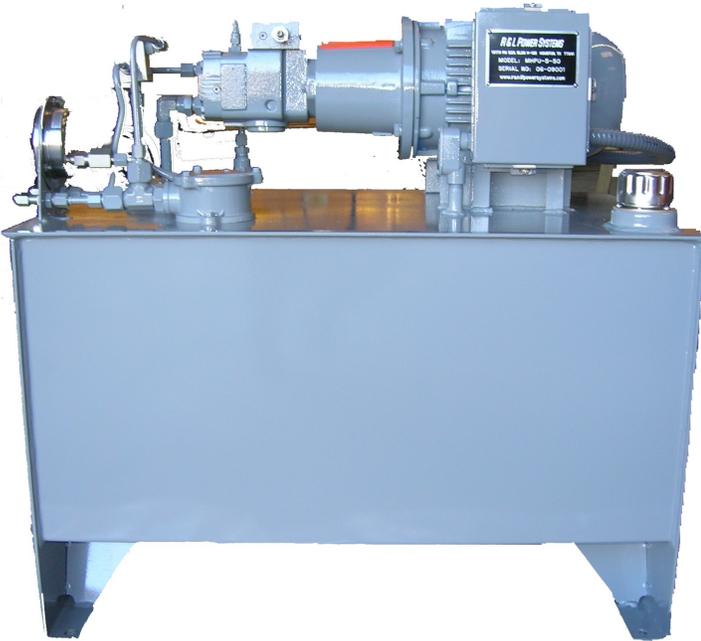
WWW.RANDLPOWERSYSTEMS.COM
SALES@RANDLPOWERSYSTEMS.COM
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R&L POWER SYSTEMS

MILL HYDRAULIC SYSTEMS

WE SPECIALIZE IN MILL HYDRAULIC SYSTEMS.

BELOW ARE EXAMPLES WE HAVE PRODUCED:



DEWATERING MILL POWER UNIT



DEWATERING MILL CONTROL PANEL



MILL HYDRAULIC POWER UNIT 80 GALLON



FOUR MILL GAUGE PANEL

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SIX MILL GAUGE PANEL



MILL HYDRAULIC POWER UNIT 150 GALLON

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WE CAN OFFER A COMPLETE SYSTEM FOR A NEW INSTALLATION OR RENEW YOUR EXISTING SYSTEM. WE USE ONLY QUALITY PRODUCTS TO PRODUCE THESE SYSTEMS.

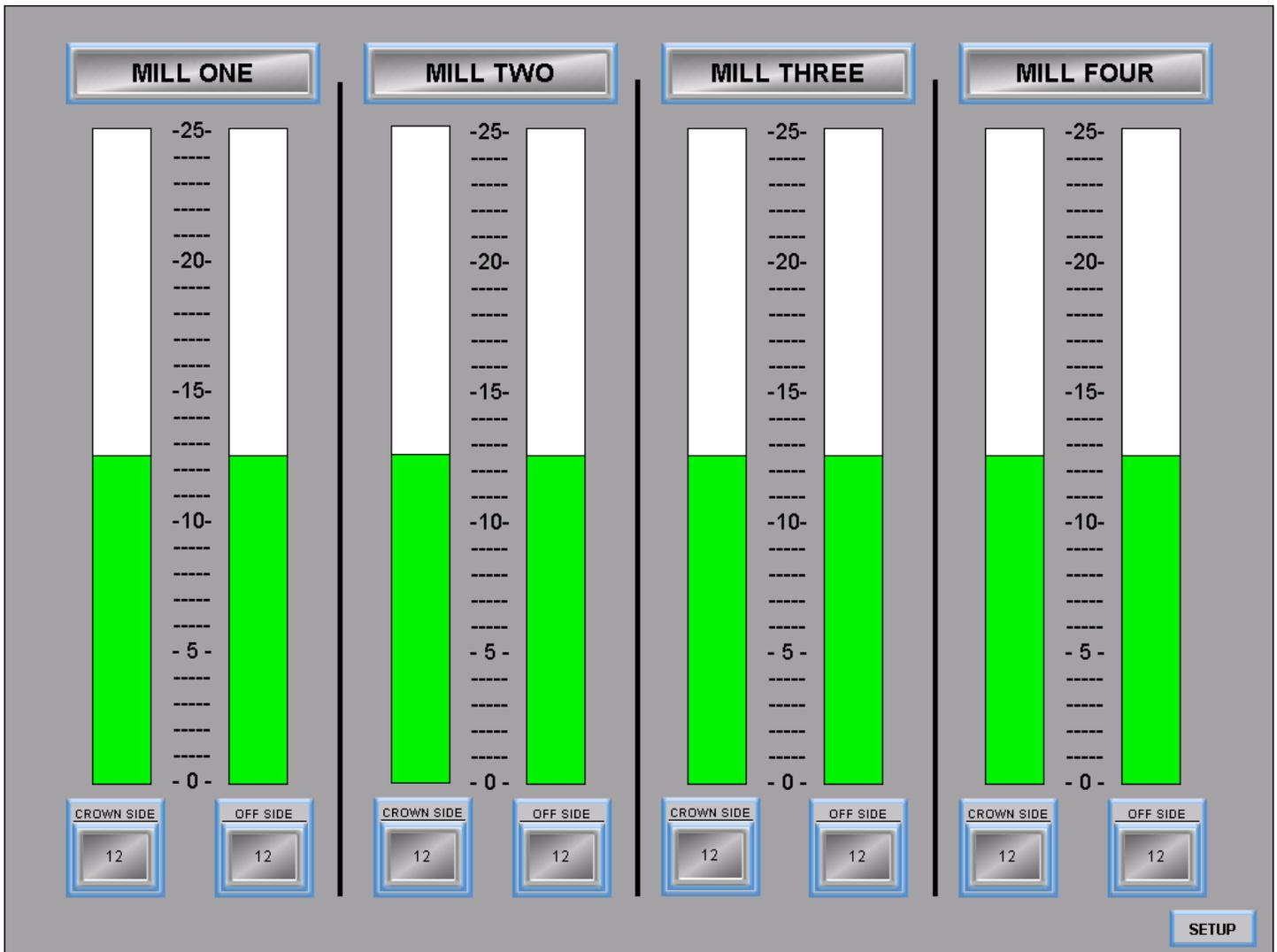
SOME OF THE OPTIONS AVAILABLE ARE LISTED BELOW:

- 3,000 PSI ACCUMULATORS
- 4,000 PSI ACCUMULATORS
- 5,000 PSI ACCUMULATORS
- POWER UNITS DESIGNED TO MATCH CAPACITY OF THE SYSTEM
- GAUGE PANELS WITH OR WITH OUT STANDS
- FOURVALVE MANIFOLDS FOR USE AT EACH MILL
- TOP ROLL POSITION INDICATORS TO MONITOR TOP ROLL MOVEMENT

AVAILABLE WITH THE FOLLOWING OPTIONS:

- STANDARD VISUAL STYLE
- ELECTRONIC VERSION
 - AVAILABLE WITH TOUCH SCREEN DISPLAY UNIT TO BE LOCATED IN THE CONTROL ROOM (MULTIPLE LOCATIONS ARE POSSIBLE) TOUCHSCREEN CAN BE PROGRAMMED TO CHANGE PRESSURE ON THE MILL RAMS FROM THE CONTROL ROOM WITH A MANIFOLD UPGRADE TO THE CONTROL PANEL / POWER UNIT

R&L POWER SYSTEMS



SCREENSHOT OF FOUR MILL DISPLAY PANEL

- WE NOW OFFER CONTROL OF THE PRESSURE OF THE MILLS USING THE SAME DISPLAY PANEL. ADJUSTMENT OF THE ROLL HEIGHT CAN BE MADE FROM THE CONTROL ROOM BY SIMPLY INCREASING OR DECREASING PRESSURE ON THE INDIVIDUAL ACCUMULATORS.
 - THIS CAN BE ADAPTED TO ANY SYSTEM, NEW OR EXISTING.
 - THE DISPLAY PANEL CAN BE PROGRAMMED FOR ANY LANGUAGE OR MULTIPLE LANGUAGES.
 - ALARMS CAN BE SET TO KEEP TOP ROLL IN PREDETERMINED RANGES.

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TOP ROLL POSITION INDICATOR

INSTALL THIS TOOL ON YOUR MILL AND MONITOR THE MOVEMENT OF YOUR MILLS TOP ROLL.

FEATURES:

- OVERSIZED BREATHER
- POLYCARBONATE TUBE
- DUAL INDICATOR STRIP STANDARD ON BOTH SIDES OF GAUGE
- FLUID COLOR THAT MAKES IT EASY TO SEE THE POSITION
- STEEL FRAME
- SCALE IS AMPLIFIED 10 TIMES ACTUAL MOVEMENT
- EASY TO CALIBRATE
- BUILT FOR LONG LIFE WITH MINIMUM MAINTENANCE
- ELECTRONIC VERSION IS AVAILABLE WITH 4 TO 20 Ma SIGNAL
- TOUCH SCREEN PANEL AVAILABLE TO MONITOR IN CONTROL ROOM

ELECTRONIC VERSION



STANDARD VERSION



ELECTRONIC UPGRADE KITS AVAILABLE FOR MOST COMPETITORS UNITS.

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TRUCK DUMPING SYSTEMS

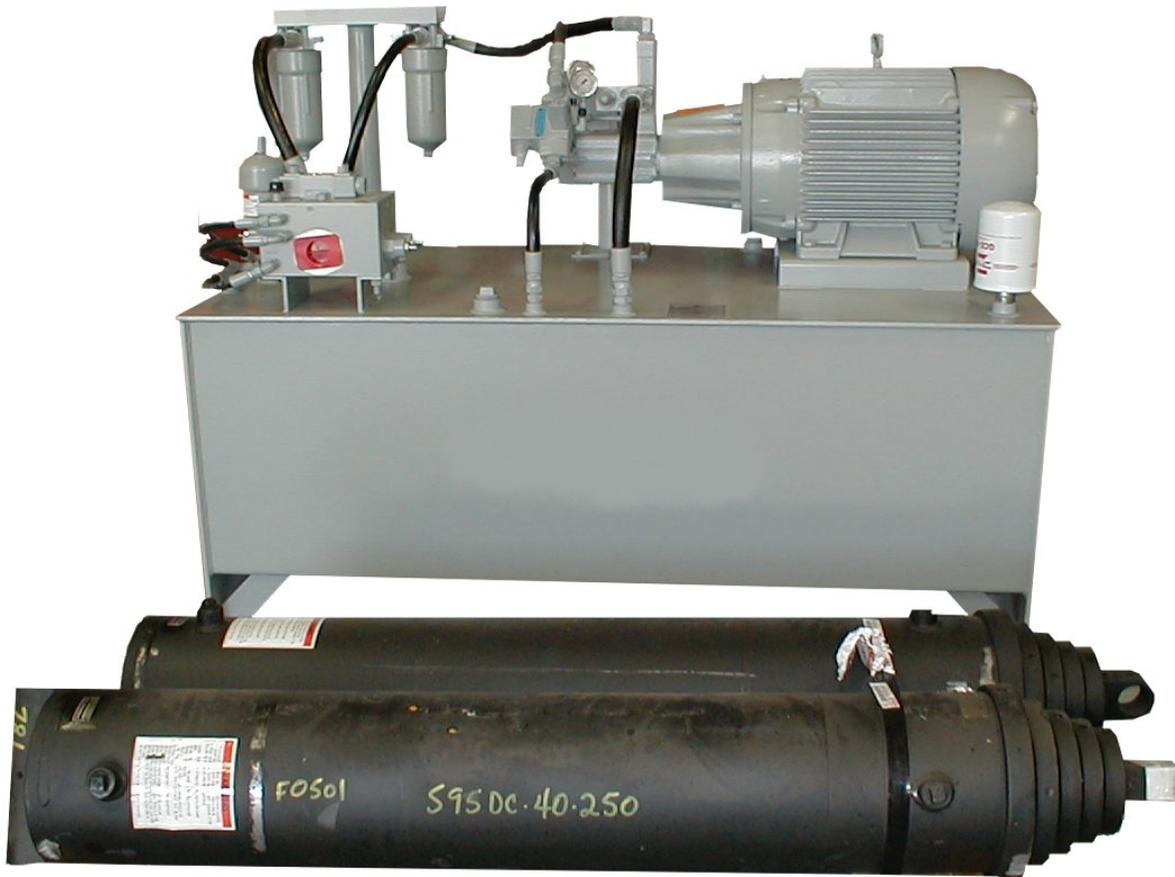
WE PROVIDE MANY STYLES OF TRUCK DUMPING SYSTEMS DESIGNED TO FIT YOUR PLATFORM OR WE CAN PROVIDE COMPLETE SYSTEMS.

- STANDARD TRUCK DUMPING SYSTEMS
 - POWER UNITS
 - CONTROL PANELS
 - TELESCOPIC CYLINDERS
 - FIELD PLUMBING
 - COMPLETE SYSTEM DESIGN

- ROTARY TRUCK DUMPING SYSTEMS (USED WHEN THE SPACE IS LIMITED AND THE TRUCK CAN BE DRIVEN ON THE PLATFORM AND THE PLATFORM ROTATES SO THE TRUCK CAN BE DUMPED ONTO THE CONVEYOR).
 - POWER UNITS
 - CONTROL PANELS
 - TELESCOPIC CYLINDERS
 - FIELD PLUMBING
 - COMPLETE SYSTEM DESIGN

- SIDE TIPPING PLATFORMS
 - POWER UNITS
 - CONTROL PANELS
 - TELESCOPIC CYLINDERS
 - FIELD PLUMBING
 - COMPLETE SYSTEM DESIGN

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END DUMPER POWER UNIT AND CYLINDERS
PRIOR TO CRATING

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DRIVE SYSTEMS

WE OFFER SEVERAL TYPES OF DRIVES

- HYDRAULIC DRIVE SYSTEMS
 - LOW SPEED MOTORS
 - DIRECT DRIVE
 - DIRECT DRIVE WITH PLANETARY REDUCER
 - POWER UNITS TO MATCH DRIVE MOTORS
 - CONTROL SYSTEMS TO MATCH CUSTOMERS NEEDS



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- ELECTRONIC DRIVE WITH VARIABLE FREQUENCY SPEED CONTROL



**BEVEL-PLANETARY GEARMOTOR SHAFT MOUNTED
TYPE WITH SHRINK DISC & TORQUE ARM**



Four Stage Foot mounted planetary Gear Unit

R&L POWER SYSTEMS

MILL RAM SEALS

INSTALL THIS SEAL ON YOUR MILL FOR HIGH PERFORMANCE SEALING AND LONG LIFE

FEATURES:

- ABRASION RESISTANT MATERIAL
- OIL RESISTANT
- SELF LUBRICATED
- AVAILABLE IN STANDARD SIZES AS WELL AS CUSTOM SIZES
- HIGH GRADE POLYURETHANE MATERIAL FOR LONG LIFE
- We can also supply leather cup seals, ask for our data sheet



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HYDRAULIC COMPONENTS

WE OFER HYDRAULIC PUMPS, MOTORS, VALVES, ACCUMULATORS,
HOSES, FITTINGS, AND ACCESSORIES,

BELOW ARE SOME OF TH EBRANDS WE CAN PROVIDE:

- VICKERS
- EATON
- DENISON
- PARKER
- HYDROKRAFT
- REXROTH
- OIL GEAR
- SUNDSTRAND
- RACINE
- COMMERCIAL
- PERMCO
- DAVID BROWM
- HALDEX BARNES
- FLENDER –HYDREX
- HAGGLUNDS
- KYB
- STAFFA
- OIL AIR
- GREER
- DANFOSS
- HYDAC
- CALZONE

WE CAN ALSO PROVIDE REPAIR SERVICE FOR ALMOST ANY HYDRAULIC
PRODUCT OR FIND A REPLACEMENT FOR OBSOLETE PRODUCTS.

WE ALSO OFFER SYSTEMS DESIGN, SYSTEMS ANALYSIS, UPGRADES TO
EXISTING SYSTEMS, AND COMPLETE SYSTEMS.

R&L POWER SYSTEMS

ELECTRICAL COMPONENTS

WE OFFER A FULL LINE OF ELECTRICAL COMPONENTS FROM SWITCHES TO CONTROL PANELS TO ELECTRIC MOTORS AND VARIABLE FREQUENCY DRIVES.

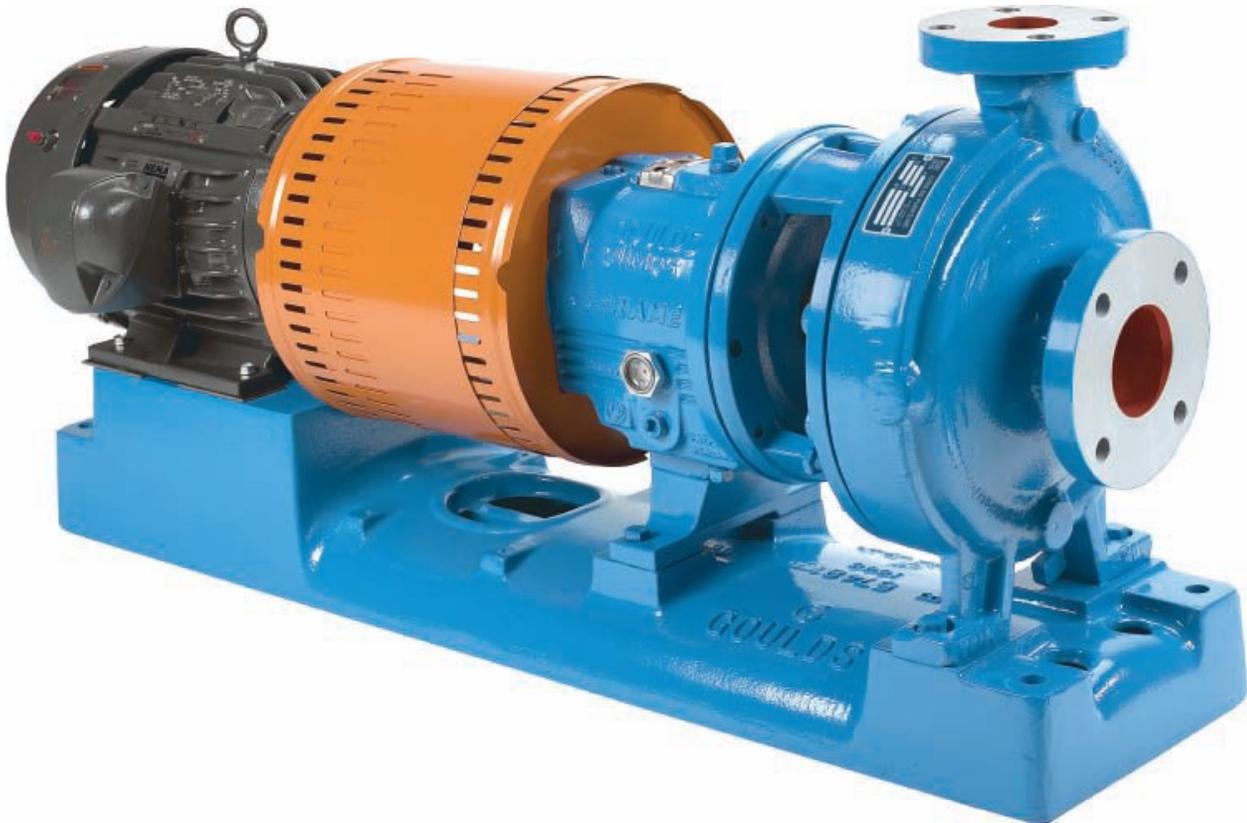
BELOW ARE SOME OF THE LINES WE CAN PROVIDE:

- ALLEN BRADLEY
- GENERAL ELECTRIC
- BALDOR
- SQUARE D
- WEG
- TOSHIBA
- OMRON
- AMETEK
- BELDEN
- EATON
- EMERSON
- FAIRCHILD
- HONEYWELL
- HUBBELL
- IDEC
- PEPPERL & FUCHS
- RED LION
- SPRAGUE
- SWITCHCRAFT
- TEKTRONIX
- TURCK
- TYCO
- CUTLER HAMMER
- MARATHON
- HOFFMAN
- MANY OTHERS

R&L POWER SYSTEMS

AARDVARK

PROCESS PUMPS



A196 SERIES PUMPS ARE NOW AVAILABLE.

**WE HAVE A PUMP FOR YOU!
CONTACT US FOR A PRICE QUOTE.**

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R&L POWER SYSTEMS

MISCELLANEOUS AND SPECIALTY

- SPECIAL STEEL SUCH AS WEAR PLATES, SHAFTS, FORGINGS, BRONZE BUSHINGS FOR MILLS, ETC.
- CHEMICAL AND TRANSFER PUMPS
- STEAM TURBINE UNITS, PARTS, GOVERNORS AND REPAIRS
- WELDING SYSTEMS INCLUDING AUTOMATIC ROLL ARC WELDERS (SEE OUR WEB PAGE FOR A SMALL MOVIE SHOWING A DEMONSTRATION ON HOW THIS WORKS)
- SPARE PARTS FOR MOST ITEMS USED IN YOUR FACTORY
- SYSTEMS UPGRADES
- SHIPPING

