

NEW/ USED/DEMONSTRATOR/UNUSUAL/FACTORY REBUILT

KWIK-WAY VALVE REFACERS & SEAT GRINDERS

KWIK-WAY SVSIID VALVE REFACER with Variable Speed, Air Operated Chuck, .1575"(4mm) - .5625"(14.3mm) valve stem diameter capacity, .0005" tir, Brand New, Factory Special Five % Discount! FOB Factory SAVE \$359.70	\$	6,834.30
KWIK-WAY SGH ELECTRIC VALVE SEAT GRINDER DRIVER , Hex Motor Unit, 45 degree, 115 vac, Brand New, Factory Warranty!	\$	1,020.00
KWIK-WAY SGH ELECTRIC VALVE SEAT GRINDER DRIVER, Hex Motor unit, 45 degree, 115 vac REBUILT with new gears, new bearings, & new brushes	\$	599.99
KWIK-WAY 049-0340-24 ECONOMY CONCENTRICITY GAUGE, 7/16" (437")	\$	249.00

SIOUX VALVE REFACERS & SEAT GRINDERS & PARTS & SPECIALS

SIOUX 1719A Heavy Duty Dressing Tool for valve seat grinding wheels NEW!	\$	750.00
SIOUX Style SGH-SX ELECTRIC VALVE SEAT GRINDER DRIVER by KWIK-WAY, 45 degree, for SIOUX Stone holders, 115 vac, Brand New, Factory Warranty!	\$	1,020.00
SIOUX Style SGH ELECTRIC VALVE SEAT GRINDER DRIVER, Hex Motor unit, 45 degree, 115 vac REBUILT with new gears, new bearings, & new brushes	\$	599.99
SIOUX Style SGA-SX AIR VALVE SEAT GRINDER DRIVER by KWIK-WAY, Inline, for SIOUX Stone holders Brand New, Factory Warranty!	\$	570.00
SIOUX Style SGL-SX ELECTRIC AVIATION VALVE SEAT GRINDER DRIVER by KWIK-WAY, for SIOUX Stone holders, 115 vac Brand New, Factory Warranty!	\$	1,299.00
SIOUX Style 1700A AIR VALVE SEAT GRINDER DRIVER, ninety degree, for SIOUX Stone holders Brand New, Factory Warranty!	\$	265.00
SIOUX 2075 VALVE REFACER .230"- 11/16" (6-18mm), Variable Speed Chuck, 7" Grinding Wheel, good used condition	\$	2,995.00

VALVE GUIDE & SEAT

HARLEY-DAVIDSON HEAD PLATE for mounting cylinder head into milling machine, valve guide & seat machine, head surfacing machine, or bench top head stands. Fits Evolution, Sportster, and Shovel Head. Brand New with a 15% discount	\$	237.00
SERDI CARBIDE PILOT 0.3429" (8.71mm), Straight, 7.5"L, .375" Top, new	\$	99.99
SERDI CARBIDE PILOT 0.3433" (8.72mm), Straight, 7.5"L, .375" Top, new	\$	99.99
SERDI CARBIDE PILOT 0.3724" (9.46mm), Straight, 7.5"L, .375" Top, new	\$	99.99
SERDI CARBIDE PILOT 0.3728" (9.47mm), Straight, 7.5"L, .375" Top, new	\$	99.99
SERDI CARBIDE PILOT 0.3732" (9.48mm), Straight, 7.5"L, .375" Top, new	\$	99.99
SERDI CARBIDE PILOT 0.343"-Tapered, 9" Long, .375" Top, new	\$	99.99
SERDI CARBIDE PILOT 0.3435"-Tapered, 9" Long, .375" Top, new	\$	99.99

VAN NORMAN/ K.O. LEE VHR VALVE GUIDE REAMER SET with speed reducer	\$	495.00
WINONA PH2000 VALVE GUIDE & SEAT MACHINE, 230v/60hz/3 phase	\$	3,500.00

HEAD & BLOCK RESURFACERS

WINONA VAN NORMAN SM6000B Heavy Duty Hydraulic Surface Grinder, 61 1/2" length capacity, 17 3/4" wheel diameter, 37" work height capacity, infinitely variable speed table travel, automatic variable rate down feed, fast power up & down travel, v-block rollover fixture, parallels for in-line blocks, various t-slot tooling, coolant tank & pump, 10 hp grinding motor, 230 vac, 3 phase	\$	16,995.00
WINONA VAN NORMAN SM6000B Heavy Duty Hydraulic Surfacers, as above, with a new CBN cutter plate & insert	\$	18,995.00

CYLINDER BLOCK BORING & HONING

K-LINE KL 1820 CAM BEARING TOOL Kit for driving cam bearings	\$	249.00
ROTTLER DA-OCB5 COMPACT CYLINDER BORING MACHINE for automotive in-line & V blocks, single & multiple cylinder motorsports blocks, 2.5"- 5.7" diameter capacity cutterhead, air floatation centering, two speed spindle, 120 vac, single phase. An ideal machine for the shop with limited floor space!	\$	7,995.00
SHELBY POWER STROKE HONE with AN Friction Feed Hone Head, Air/Hydraulic Variable Stroke Speed, Roll Over V Block Cradle, In-Line Block Hold Down in good condition, 120 vac	\$	6,495.00
SUNNEN CK2010C MIDGET HONE HEAD only (not the complete assembly), NEW	\$	500.00
SUNNEN 10RY-4500 ALIGN HONE MANDREL 4.5"- 5.0"	\$	1,295.00
VAN NORMAN 777S PORTABLE BORING BAR 2.6"- 5.343" dia. cap., 120 vac	\$	1,995.00

CONNECTING ROD EQUIPMENT

DANMAR D-KL-744 MANDREL with adapter, truing sleeve	\$	45.00
DANMAR D-KL-1000 MANDREL with adapter, truing sleeve	\$	45.00
DANMAR D-KL-1125 MANDREL with adapter, truing sleeve	\$	45.00
DANMAR DM-2700 (SUNNEN CR2700) Rod Mandrel 2.7"-2.9", new condition	\$	250.00
K-LINE KL 1026 PIN FURNACE, one hole	\$	395.00
SUNNEN CRF-182A RING SET 1.82"-1.92"	\$	75.00
SUNNEN CRG-500 CAP & ROD GRINDER, 120 vac	\$	895.00
SUNNEN CRG-780 CAP & ROD GRINDER, with CRG-1145 Clamp, 120 vac	\$	
SUNNEN CR 2700 ROD MANDREL, see DANMAR DM-2700 above		
SUNNEN LBA-650 HONING MACHINE on a home made stand, mandrels, no gauge		
SUNNEN LJ-526M PISTON PIN MANDREL with adapter	\$	25.00
SUNNEN 3G P20 750 UA THREE STONE HONING UNIT	\$	95.00
SUNNEN 3G P20 843 UB THREE STONE HONING UNIT	\$	95.00
SUNNEN 3G P28 1000 VA THREE STONE HONING UNIT, open and blind holes	\$	150.00
SUNNEN 4ML 781 FOUR STONE, KING PIN MANDREL	\$	150.00
SUNNEN 5G P20 875 UB FIVE STONE HONING UNIT	\$	150.00
SUNNEN 5G P20 906 UC FIVE STONE HONING UNIT	\$	150.00
SUNNEN Y104-3250PH KEYWAY MANDREL, aluminum	\$	750.00
SUNNEN TN-111 ROD ALIGNER with TN46 V Block & Bender Bar	\$	895.00

FLYWHEEL GRINDERS

CBN Flywheel Grinding Wheels; grind faster and cleaner without the mess	\$	189.00
DCM TECH SG-3000 FLYWHEEL GRINDER, 21" diameter capacity, manual column, excellent appearance, super clean and repainted, 3hp, 230 vac, 3 phase	\$	3,695.00
DCM TECH SG5500 FLYWHEEL GRINDER 24" capacity, 5hp, 230 vac	\$	

CNC & VERTICAL MILLING MACHINES

BRIDGEPORT VERTICAL MILLING MACHINE, Knee Mill, M Series with 7BS Collets, Round Arm, Swivel Head, Six Spindle Speeds 32" T-slot table, 9" knee travel, ½ hp, 230vac, 3 phase	\$	2,495.00
KENT USA 3VS TWO AXIS CNC VERTICAL MILLING MACHINE, Knee Mill, R-8 Taper, Variable Speed Spindle, Power Quill Feed, 9" x 42" Table, A&T Power Quill Drawbar, Sony CNC Controller NU20-20/30, 230 vac, 3 phase	\$	12,495.00

BALANCING: ENGINE & DRIVELINE

STEWART-WARNER DRIVELINE TOOLING PACKAGE with base extension, two inverted trunnions, cross piece adapter, pillow block flanges. Fits SW 2000, 2002 & older soft bearing machines	\$	1,450.00
STEWART-WARNER <u>HEAVY DUTY</u> DRIVELINE TOOLING PACKAGE with base extension, inverted trunnion, tri-bearing, two heavy duty pillow blocks, and two heavy duty cross adapters. Fits SW 2000, 2002 & older soft bearing machines	\$	1,995.00
WINONA ROD WEIGHING FIXTURE with Large End Adapters (3), Scale Tray Adapter, Adjustable Height Column & Adjustable Base for rod length	\$	295.00

CRANKSHAFT & CAMSHAFT EQUIPMENT

CRANKSHAFT GRINDING WHEEL, CINCINNATI-MILACRON 24"x 1.210"x 5", blue-gray, New!	\$	99.99
STORM-VULCAN 15A-51 5"ID x 7"OD Wheel Mount for 15A, 15AS crank grinder	\$	250.00
STORM-VULCAN 15A-51G 5"ID x 8"OD Wheel Mount for 15A, 15AS crank grinder	\$	250.00
VAN NORMAN CAMSHAFT GRINDER STEADY REST	\$	495.00

CLEANING EQUIPMENT, BLAST CABINETS, & SUPPLIES

AXE EQUIPMENT EV-300 WATER EVAPORATOR, 300 gallon capacity, insulated, agitated tank with stainless steel lids, low level cut off sensor, forced air gas heat, 120 vac, single phase <u>BRAND NEW</u>	\$	6,420.00
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DYNAMOMETERS & FLOW BENCHES

GO-POWER C-10-2 PORTABLE INSTRUMENT CONSOLE for DT-2000 heavy duty absorption unit, analog display of torque and rpm, 9 volt dc	\$	750.00
GO-POWER C-11-2 ANALOG DYNAMOMETER CONSOLE for DT-2000 heavy-duty absorption unit, precision torque meter, pyrometer, engine instruments, alarm & over speed shutdown, 120 vac, 1 ph	\$	2,495.00

BRAKE DRUM & ROTOR ALL BRAND NEW, INVENTORY REDUCTION, SAVE \$\$\$\$

AMMCO 9481 CHIP SHIELD	\$	37.45
ATLAS/CENTRAL TOOLS DISC BRAKE MICROMETER 1.0"- 2.0" with 3.5" deep frame & pointed anvil, 1" calibration standard. <u>BRAND NEW in storage case</u>	\$	75.00
RELS MANUFACTURING 40080 ONE INCH ARBOR, NEW!	\$	123.75
RELS MANUFACTURING 40081 ONE INCH ARBOR NUT, NEW!	\$	11.25
RELS MANUFACTURING 40184 SPRING for ONE INCH ARBOR, NEW!	\$	8.95
RELS MANUFACTURING 42001, AMMCO 9481 CHIP SHIELD, NEW!	\$	37.45
VAN NORMAN HUBLESS ADAPTER & SPANNER WRENCH for any one inch arbor on any brake machine, NEW!	\$	375.00

MAGNAFLUX BLACK LIGHTS, YOKES, MACHINES & SUPPLIES

IRONTITE MAGNETIC CRACK DETECTION POWDER, GOLD, 5 lb can, Ugly can!	\$	10.00
KENT- MOORE J28428-C PORTABLE HIGH INTENSITY BLACK LIGHT with the carrier/stand new 100W MAGNAFLUX 1914 Bulb, 115v, very good condition	\$	299.99
MAGNAFLUX 8493 CENTRIFUGE TUBE & 1837A STAND for testing 14A, 14AM, and 20B solutions for particle concentration	\$	99.00
MAGNAFLUX 2480 FIELD INDICATOR measures residual magnetism NEW!	\$	35.00
MAGNAFLUX Y-1 AC YOKE with Case <u>BRAND NEW, SPECIAL \$</u> save \$55.00	\$	575.00
MAGNAFLUX ZYGLO ZA-70 KIT with ZB100F Blacklight, Cleaner, Penetrant, Developer, Case, & more <u>BRAND NEW, SPECIAL</u> save \$60.00	\$	635.00

VISA & MASTER CARD accepted for new or used equipment and parts! Call and discuss your needs for equipment or just to ask for extra peanuts!

Pricing is FOB our warehouse in Clackamas, OR, unless otherwise specified, and does not include packaging, crating, or skidding for commercial shipment. This service is available at additional cost.

Used equipment is sold as is, without warranty, unless otherwise specified. Factory refurbished or factory reconditioned machines may have a limited factory warranty.

WE LOOK FORWARD TO BEING OF SERVICE!

ABS BALANCING SUPPLIES & SPECIALTY PRODUCTS

AXE EQUIPMENT SPRAY WASHERS, PRESSURE TESTERS, RINSE BOOTHS, EVAPORATORS

BHJ PERFORMANCE & SPECIALTY MACHINE PRODUCTS

CLEMCO ABRASIVE BLAST EQUIPMENT-SAND BLASTERS

DELTA CUSTOM TOOLS HEAVY DUTY CAP & ROD GRINDERS, HEAVY DUTY PRESSURE TESTERS

HINES INDUSTRIES ENGINE, DRIVELINE & INDUSTRIAL BALANCERS

K-LINE SHOP SUPPLIES

KWIK-WAY VALVE REFACERS, BRAKE LATHES, PORTABLE BORING BARS

MAGNAFLUX CRACK DETECTION SUPPLIES & EQUIPMENT

RADIAC ABRASIVES & SHOP SUPPLIES

REGIS SHOP SUPPLIES

RELS BRAKE LATHES

ROTTLER VALVE GUIDE & SEAT MACHINE, CENTERLESS VALVE REFACER, CYLINDER
BLOCK BORING, HONING, SURFACING, CONNECTING ROD BORING, CNC BLOCK MACHINE,
HEAVY-DUTY BLOCK MACHINE

SIOUX VALVE REFACERS, VALVE SEAT EQUIPMENT & TOOLS

SILVER SEAL SHOP SUPPLIES

VAN NORMAN FLYWHEEL GRINDERS, BRAKE DRUM & ROTOR LATHES

ZERO BLAST CABINETS, BLAST ROOMS, AUTOMATED BLAST CLEANING

4-05-10