

# FUJII

POWER  
AND PRECISION  
IN PERFECT  
HARMONY

**INDUSTRIAL TOOLS**  
**PRODUCT GUIDE**



J A P A N E S E Q U A L I T Y S I N C E 1 9 4 3



## COMMITMENT TO QUALITY AND TECHNOLOGY



Every Fuji tool, from the simplest to the most sophisticated, is built to the same exacting standards. "Monozukuri", Japanese craftsmanship, is a core value in both manufacturing and design. Over 60 years of non-stop investment in R&D and kaizen manufacturing ensures that our products are built using proven, advanced technologies and provide superior ergonomics, safety and handling.

Moreover, our commitment extends beyond our products to include the world we live in. Our production facilities are compliant with both the ISO 9001 and ISO 14001 standards.

**QUALITY  
GUARANTEED**

**OUR COMPANY  
IS CERTIFIED ISO 9001  
QUALITY MANAGEMENT  
AND ISO 14001  
ENVIRONMENTAL  
MANAGEMENT  
STANDARDS.**



## WIDE RANGE OF STANDARD AND SPECIAL PRODUCT

With a catalogue of over 1,400 references, we have one of the most extensive, most cost effective ranges of industrial tools available today. Our engineering team also has a long history of collaborating with customers to design solutions for special needs, both large and small.



## COMMITTED TO LONG TERM CUSTOMER SATISFACTION

Fuji Tools are available through our network of authorized distributors that provide highly reactive after-sales service. They ensure that after years of service our products perform just as well as on day one. We support this network through both a dedicated international team in Japan and local market representatives in over 20 countries.

### TRANSPORTATION



### AEROSPACE



### ASSEMBLY



### ENERGY



### OFF-ROAD EQUIPMENT





# ASSEMBLY

## PULSE WRENCHES

### FET Series (Electronic Torque Control)

- Tightening graph display
- Bolts and blows counting function
- Small footprint
- Monitors tightening by torque value, time and pulses
- 7 channel controller for flexible application
- Kevlar reinforced cables



### FL Series (Non Shut-Off)

- Torque range: 4.4 to 369 ft-lbs. (6 to 500Nm)
- 1/4" Hex, 3/8", 1/2" and 3/4" drives
- Both pistol and straight designs
- Engineered to minimize torque scatter with improved high tightening torque accuracy
- Ergonomic design with vibration reducing grip and reduced noise level.



FL-4SD-1

### FLT Series (Mechanical Shut-Off)

- Torque range: 1.5 to 296 ft-lbs. (2 to 400 Nm)
- 1/4" Hex, 3/8", 1/2" and 3/4" drives
- Both pistol and straight designs• Fuji designed shut-off and piston mechanisms ensure stable shut off and consistent torque levels
- Engineered to minimize torque scatter with improved high tightening torque accuracy
- Ergonomic design with vibration reducing grip and reduced noise level.



FLT-20S-1

## RATCHET WRENCHES

Ratchet Wrenches are used for fastening operations in confined spaces where angle impact tools and nutrunners cannot reach. Reverse operation can be accomplished by simply turning the wrench over.

- Torque range: 8.1 to 58.8 ft-lbs. (10.5 to 78.4 Nm)
- Both open and close ended tools available



FRW-6NX-3



FOW-10-1

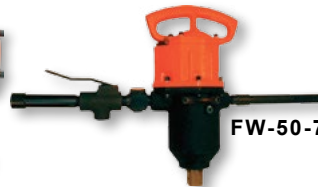
## IMPACT WRENCHES

Fuji Impact Wrenches provide a combination of high torque and fast run down to minimize operator fatigue. Fuji offers a wide range of pistol grip, straight and T-handle models.

- Torque range: 4.4 to 11,800 ft-lbs. (6 to 16,000 Nm)
- 3/8", 1/2", 5/8" and 3/4", 1", 1-1/4", 1-1/2" and 2-1/2" drives



FW-320P



FW-50-7



FW-14SX-5

## SCREWDRIVERS

Fuji Screwdrivers are suitable for a wide range of screw fastening and disassembly applications. The compact and lightweight design provides operator comfort. All models are reversible. Impact clutch type models provide high torque and fast run-down while slip clutch type models provide easily adjustable torque settings.



FW-44PD-1



FW-6SXD-6



FD-5P



# MATERIAL REMOVAL

Fuji offers a wide variety of material removal tools designed to be used with abrasive products for grinding, cutting and sanding operations.

## PENCIL & TURBO GRINDERS

- Small, compact and light weight
- Excellent for deburring, contouring and light grinding
- 60,000 to 100,000 rpm
- 1/8" (3mm) and 1/4" (6mm) collets



FG-06S-1

## DIE GRINDERS / EXTENDED DIE GRINDERS

- High accuracy collet and spindle
- Low vibration
- Compact yet sturdy body and light weight
- 18,000 to 43,000 rpm
- .177 to .456 hp
- 1/4" and 3/8" collets



FG-26H-1F



FG-26-HL-1F

## STRAIGHT / EXTENDED GRINDERS

- Centrifugal speed control governors
- Noise reducing design
- High performance and smooth operation
- Grinding wheel capacity: 2-1/2" to 8"
- Extended: From 12.1 to 41.3"
- .7 to 2.2 hp



FG-3H-1F

## ANGLE GRINDERS / SANDERS

- High power and robust performance in a low profile body
- Grinders 2", 4", 5", 7" and 9" wheel capacities
- Sanders: 3" to 7" disc capacities
- Available in a variety of speed, spindle and handle configurations
- Grinders: 5,900 to 15,000 rpm
- Sanders: 5,500 to 12,000 rpm
- .33 to 2.17 hp



FA-5E-1V

## VERTICAL SANDER

- Robust and powerful
- Ideal for heavy material removal
- Lock-off lever
- 7" sanding disc capacity
- 7,000 rpm free speed
- 2.12 hp



FV-7-2M

## BELT SANDERS

- Ideal for precise and efficient sanding of confined areas
- Available with a 360° rotating head for additional versatility
- Overall lengths: 11.1", 13.58", 14.8"
- Belt sizes: 13", 18.1", 20.5"
- 20,000 rpm
- 1,200 rpm belt speed
- .37 hp



FBS-1-2-4



# DRILLING

## DRILLS

- Available in a wide variety of styles as well as reversible and non-reversible models
- Two-stage throttle mechanism allows slow start precision placement prior to full speed drilling
- Available in a variety of drilling capacities, torque, spindle and handle configurations

### Straight Type Drills

- Stall torque: .2 - 11.8 ft.-lbs.
- 600 - 24,000 rpm



FRD-6S-2F

### Pistol Grip Drills

- Stall torque: .44 - 14.8 ft.-lbs.
- 600 - 21,000 rpm



FRD-6PH-3

### Grip Handle Drills

- Stall torque: 16.2 & 25.3 ft.-lbs.
- 800 & 1,200 rpm



FRD-12Z-1C

### Heavy Duty Drills

- Stall torque: 47 - 1,345 ft.-lbs.
- 55 - 600 rpm



FRD-40R-11

## AEROSPACE DRILLS

- Compact head for confined areas
- Ball and needle bearings provide long service and less spindle run-out
- Stall torque: 1.8 & 2.1 ft.-lbs.
- 2,500 & 3,500 rpm



FCD-6B-1

## ANGLE / CORNER DRILLS

- Ideal for working in tight spaces
- Locking handle to reduce inadvertent starts and reverts to locked position when released
- Available in medium and heavy duty models
- Reversible and non-reversible models available
- Stall torque: 23.1 - 1,013 ft.-lbs.
- 400 & 1,000 rpm



FCD-6X-1



FCD-23R

## TAPPERS

- Two-stage throttling allows a slow start to ensure tap is correctly aligned prior to actuating full speed
- Available in tapping capacities from 6mm to 13mm
- Dead handle reduces snatching when tapping a through hole
- Operator regulated air supply for torque adjustment
- Chuck capacity (M.T.#): 8, 9, 13
- Stall torque: 23.1 - 1,013 ft.-lbs.
- 400 & 2,000 rpm



FT-8PX-1 N



# PERCUSSIVE

## FLUX CHIPPING HAMMERS

- Ideal for various removal operations such as light chipping, carving stone, scaling, removing paint, rust, weld flux and light casting fins
- Locking handle to reduce inadvertent starts and reverts to locked position when released
- Blow-off option for easily cleaning off work area
- Quick change attachments
- Low air consumption



FCH-25B-1F

## NEEDLE SCALERS

- Excellent for removing weld flux, sand from castings, rust, paint, scales from forgings, scales from ship hulls and finishing rough surfaces
- Features a unique valveless design and works well on uneven or irregular surfaces
- Available in both straight or pistol grip models



FNS-2-1F

## RIVETING HAMMERS

- Provide a controllable impact for riveting to reduce damage to surrounding material
- Easily adapted to perform operations such as cutting, ripping, shearing, punching and gouging with suitable chisels fitted
- Available with 1.5" to 4" stroke



FRH-6

## SCALING HAMMERS

- Efficient in cleaning heavily oxidized surfaces such as ship's hulls, bridges and storage tanks
- Optional Tungsten Carbide tipped piston available



FS-2A-1F

## CHIPPING & CAULKING HAMMERS

- Durable hammers excellent for concrete, stone and weld flux removal
- Chisel retainer to reduce risk of chisel release during operation
- Hex and oval shank models
- Available with 1.5" to 4" stroke



FC-01

## SAND RAMMERS

- Powerful and lightweight with a stroke range of 2" to 5"
- Excellent for casting in any ferrous or non-ferrous foundry
- Non-rotary type available for use with irregular shaped butts



FR-18B



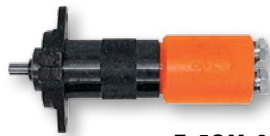
FR-18L-2F



# MISCELLANEOUS

## AIR MOTORS

- Compact, light weight and sturdy
- High power-to-weight ratio
- Air motors are less likely to generate sparks making them well suited to hazardous environments
- Ranging from small hand-held motors to large stationary motors for industry
- Available from .13 to 1.2 hp



F-5SM-8

## ALUMINUM MILLING MACHINES

- Ideal portable tool to remove weld beads flush to work surface and "V" grooving for aluminum welds milling type rotary cutters
- High power motor with speed control governor
- Features easy depth adjustments, chip blowing, milling cutter cooling, slow start throttle, and center guide with roller for easy operation



FRC-300-1

## RECIPROCATING AIR FILES & SAWS

- Designed for deburring, filing and cutting of metal, wood, plastic and fiberglass
- Locking handle to reduce inadvertent starts and reverts to locked position when released
- Variety of blades available
- FRS-45 is equipped with a damper to minimize vibration
- Includes stroke regulator and blade cooling device
- Cutting direction is adjustable to provide optimal operator comfort



FRF-4-1



FRF-45

## CHAMFERING MACHINES

- Powerful and durable
- Ideal for chamfering edges of steel skeleton materials
- Replaceable carbide tips



FBM-2-1F

## TIP DRESSERS

- Compact and light weight making it ideal for dressing tips in the narrow space between opposing tips on electric spot welders
- Clamp system provides excellent tip alignment and accurate repair



FTD-18A-1

## PIPE BEVELING

- Features a powerful motor, zero torque reaction, in-pipe chucking, and variable speed control
- Available in capacities from 15/32" to 9-7/16" pipe I.D.



FBM-80A-6

## SUMP PUMPS

- For discharging water, oil, sewer and sludge from sumps, trenches, manholes, bilges and tanks
- May be used in non-spark environments
- Rust-proof housings
- 18.5 to 123 gpm



FP-35-1

# Fuji



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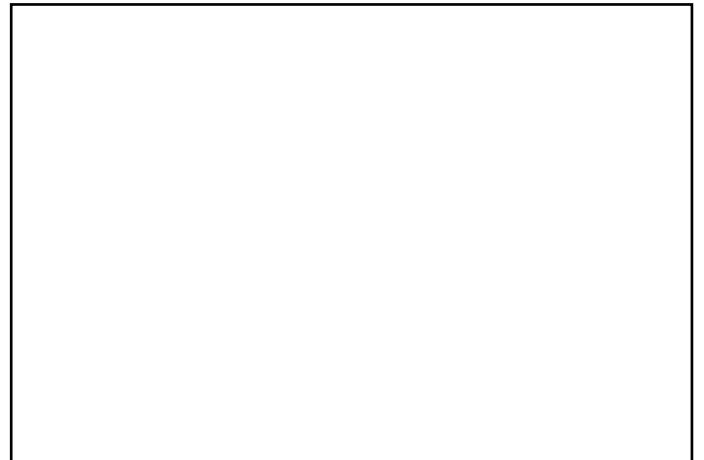
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