EVOLUTION IN STONE TECHNOLOGY

ACHILLI OFFERS CREATIVE SOLUTIONS TO THE EVER MORE DEMANDING REQUIREMENTS OF THE STONE FABRICATING PROFESSIONAL. COMBINING OUR USUAL ATTENTION TO ESSENTIALITY AND USER-FRIENDLINESS WITH INNOVATIVE TECHNOLOGICAL DESIGN, ACHILLI CAN DEVELOP PROFESSIONAL MACHINES WITH ADVANCED FUNCTIONS THAT ARE AFFORDABLE FOR MOST STONE FABRICATORS.

The Achilli brand has always represented functional, long-lasting and high-quality machines, 100% made in Italy and designed with a high level of customization to meet the customer’s specific needs.

ACHILLI WAS FOUNDED IN 1950 AS A FAMILY OWNED GENERAL ENGINEERING AND METAL WORKING COMPANY. SOON AFTER ITS START-UP, IT BEGAN TO SPECIALIZE IN THE PRODUCTION OF FLOOR GRINDING AND POLISHING EQUIPMENT. OVER THE YEARS, Achilli has continued to grow with its expansion into the construction and stone working industries, while also gaining considerable recognition in the international marketplace. Today, Achilli is known worldwide for its dedication to producing cutting-edge designs and high-quality equipment at competitive prices, with short delivery times and efficient after-sale service.

Research and creativity in stone working and cutting techniques. Over 65 years of experience in quality, innovation and product performance. Ricerca e creatività nelle tecnologie di taglio e lavorazione della pietra. Una tradizione di oltre 65 anni che si rinnova nella qualità e nelle prestazioni.

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Sturdy machines for large and small workshops. Flexible and efficient, they will process any kind of straight cut. Macchine robuste per grandi e piccoli laboratori. Versatili e performanti, realizzano qualsiasi taglio rettilineo.

**MBS-TS**
**BRIDGE SAW**
**Segatrice a ponte**

- X=3500 mm; Y=1930 mm; Z=350 mm
- CNC control unit with touch-screen colour display for cuts programming
- Designed with an inflexible active beam, tensioned, ground and chromed
- Head motion on angled rack and pinion
- Automatic head rotation 0-340 degrees or manual rotation in 4 positions
- Manual head tilt up to 45 degrees with step-cutting facility
- Available with fixed, rotating and/or tilting worktable
- Available with water recycling tray
- DFX file import option

**TFM**
**SAW WITH FIXED BRIDGE**
**segatrice a ponte fisso**

- X=3100 mm; Z=380 mm
- Designed with an inflexible active beam, tensioned, ground and chromed
- Head motion on angled rack and pinion
- Motorized head travel with adjustable speed
- Manual head tilt 90-45 degrees
- Automatic head rotation 0-340 degrees or manual rotation in 4 positions
- Manual head tilt up to 45 degrees with step-cutting facility
- Available with fixed, rotating and/or tilting worktable
- Available with water recycling tray
- DFX file import option

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**THE LEADING ROLE IN STONE WORKING. PROTAGONISTA DI UNA PASSIONE.**

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**PLC CONTROL PANEL**
**Controllo PLC**

**DEVICE FOR PARALLEL CUTS**
**Dispositivo per tagli paralleli**

**HEAD TILT AT 45°**
**Inclinazione della testa a 45°**

**PLC CONTROL PANEL**
**控制 PLC**
The perfect solution for kitchen tops in stone, ceramic and sintered surfaces meeting the new popular home architecture and indoor design. La soluzione perfetta per piani da cucina in pietra, ceramica e nei nuovi materiali sinterizzati di grande tendenza nell’architettura e nel design di interni.

TOP
MULTIPURPOSE MACHINE
macchina multifunzione

- X=3200/3950 mm, Y=780-1600 mm, Z=150 mm
- MULTIPURPOSE MACHINE FOR SHAPING, POLISHING, DRILLING, SINK CUT-OUTS AND RECESS DRAINS
- HOT-DIP GALVANIZED STEEL FRAME AND WORKTABLE
- MANUAL HEAD TRAVEL ON STAINLESS STEEL GUIDES AND WHEELS
- PRESSURIZED SPINDLE WITH EXTERNAL LUBRICATION
- CAN USE A VARIETY OF CNC WHEELS OR TOOLS WITH BUILT-INS FOR PORTABLE ROUTERS
- AVAILABLE WITH MANUAL HEAD ROTATION IN 4 POSITIONS
- OPTIONAL X-AXIS FAST MOTION LEVER FOR DRILL BITS

- Macchina per profilare, lucidare, forare e realizzare lavabi e gocciolatoi
- Spostamento manuale della testa su guide e ruote in acciaio inox
- Mandrino pressurizzato con lubrificazione esterna
- Possibilità di utilizzo mole CNC o utensili con tastatore incorporato
- Disponibile con rotazione manuale della testa in 4 posizioni
- Disponibile con leva asse Z per foratura veloce

- Corta asse X: 3300/3700 mm
- Diametro disco diamantato: 350-450 mm
- Spessore lastra lavorabile: 0-80 mm con battuta mobile pneumatica
- Progettata per ottenere tagli a 45 gradi perfetti anche su lastre non calibrate
- Spostamento motorizzato della testa con velocità regolabile su guide lineari con pattini a ricircolo di sfere
- 10 pistoni pneumatici e 3 supporti ferma lastra per il bloccaggio anche dei pezzi più piccoli
- Disponibile con banche laterali di appoggio e banco rialzato per facilitare la movimentazione delle lastre
- Vasca di raccolta dell’acqua con pompa di ricircolo opzionale
Compact, essential and sturdy machines. A specially designed beam guarantees stability and accuracy. Macchine compatte, essenziali e robuste. Stabilità e precisione sono garantite dal particolare design della trave.

**AFR A - AFR C**

**SAWS WITH FIXED BRIDGE**

**segatrici a ponte fisso**

- **USEFUL CUT FROM 1500 TO 3500 mm (59’’–138’’)**
- **DIAMOND BLADE DIAMETER: 250-350 mm (10’’–14’’) OR 400-500 mm (16’’–20’’) FOR HT VERSION**
- **MANUAL OR MOTORIZED HEAD TRAVEL WITH ADJUSTABLE SPEED**
- **MANUAL OR MOTORIZED CUTTING DEPTH ADJUSTMENT**
- **MANUAL BRIDGE TILT TO 45 DEGREES**
- **SELF-CONTAINED WATER RECYCLING SYSTEM**

**AFR A**

**SAW WITH MOTORIZED HEAD FEED**

**segatrice con avanzamento motorizzato**

**AFR C**

**SAW WITH MANUAL HEAD FEED BY HANDBRAKE**

**segatrice con avanzamento manuale a manovella**

**TFR A**

**SAW WITH FIXED BRIDGE**

**segatrice a ponte fisso**

- **USEFUL CUT LENGTH UP TO 3300 mm (12’’)**
- **DIAMOND BLADE DIAMETER: 250-350 mm (10’’–14’’) OR 400-500 mm (16’’–20’’) FOR HT VERSION**
- **MOTORIZED HEAD TRAVEL WITH VARIABLE SPEED**
- **MOTORIZED CUTTING DEPTH ADJUSTMENT**
- **MASSIVE FRAME ALLOWING TO MOUNT POP-UP ROLLERS ON THE WORKTABLE**
- **MANUAL BRIDGE TILT TO 45 DEGREES**
- **AVAILABLE WITH WATER TANK & BUILT-IN RECYCLING PUMP**

**BREAD TILT AT 45°**

Inclinazione del ponte a 45°

**“SLOT” OPTIONAL DEVICE**

dispositivo “slot” opzionale

**THE POWER OF RIGIDITY & DURABILITY.**

**LA FORZA DI ESSERE INFLESSIBILI.**

**STONE MACHINERY**

**PORTABLE BENCH SAW**

**segatrice portatile**

- **TAGLIO UTILE DA 1500 a 3500 mm**
- **DIAMETRO DISCO DIAMANTATO: 250-350 mm o 400-500 mm (versione HT)**
- **AVANZAMENTO MANuale OR MOTORizzato DELLA TESTA CON VELOCITA REGOLABILE**
- **REGOLAZIONE DELLA PROFONDITA’ DI TAGLIO MANuale OR MOTORizzata**
- **INCLINAZIONE MANuale DEL PONTE A 45°**
- **VASCA DI RACCOLTA CON SISTEMA DI RICIRCOLO DELL’ACQUA INCORPORATA**

**AFR A**

**SAW WITH MANUAL HEAD FEED BY HANDBRAKE**

**segatrice con avanzamento manuale a manovella**

**AFR C**

**SAW WITH MOTORIZED HEAD FEED**

**segatrice con avanzamento motorizzato**
Marble, granite and concrete floor grinders using diamond tools as well as traditional abrasives. Leaders in their league - they rectify, grind and polish any floors. Levigatrici per pavimenti in marmo, granito e cemento che permettono l’utilizzo di utensili diamantati o abrasivi tradizionali. Rettificano, levigano e lucidano il pavimento e, nella loro categoria, non temono confronti.

**LUXA**
- Ideal for microgrinding and polishing all types of marble, stone, concrete and ceramic tile floors
- Easily dismountable to facilitate transportation
- Perfect for cleaning and removing surface defects: adhesives, resins, mastics and paints
- "Clarke" clutch plate connection
  - Ideale per microlevigare e lucidare tutti i tipi di pavimento in marmo, pietra, cemento e gres.
  - Ideale per rilucidare e fare manutenzione a tutti i tipi di pavimenti in marmo, pietra, cemento e gres.
  - Facilmente smontabile e comoda da trasportare.
  - Perfetta per pulire ed eliminare i difetti superficiali: adesivi, resine, mastici e vernici.
  - Attacco del piatto: “Clarke”.

**MAX BT**
- Multi-head floor grinder, ideal for large surfaces
- Electric motor: 3-phase 5.5 kW = 7.5 HP
- Abrasive holding plate diameter: 300 mm
- Machine level adjustment by eccentric wheel axis
- Available with planetary head and single head

**LS40**
- Specially designed for step processing
- Mechanic drive hydraulic motor
- Electric motor: single phase 0.90 kW (1.2 HP)
- Snail lock edge polishing wheels 150 mm in diameter
- Step height adjustment by hand wheel
- Internal water feed
  - Studiata per la lavorazione degli scalini
  - Trasmissione meccanica con motore oleodinamico
  - Potenza: 0.90 kW = 1,2 HP monofase
  - Utilizzo di molette lucida coste diametro 150 mm con attacco a discochiusi
  - Regolazione altezza dello scalino a mezzo volantino
  - Lubrificazione interna dell’utensile

**LM30 VE**
- Universal floor grinder
- Selection of 4 different speeds to optimize working of the floor surface
- Abrasive holding plate diameter: 300 mm
- Machine level adjustment by eccentric wheel axis
- Available with planetary head and single head

**ACCESSORIES**
- Grinding plate
- Abrasive holding plate
- Planet planetary head
- Abrasive holding plate 430 mm in diameter
- Step height adjustment by hand wheel
- Internal water feed
  - Accessori
  - Piatti porta abrasivo
  - Testa planetaria
  - Piatti porta abrasivo diametro 430 mm tipo monospazzola
Portable masonry saws ideal for building materials. Good cut accuracy and sturdiness, with guaranteed longevity. Taglierine portatili per cantiere adatte a materiali edili. Garantiscono buona precisione di taglio, robustezza elevata e durata nel tempo.

### AMS

- **Portable Bench Saw with Sliding Head**
  - Useful Cutting Lengths: 600, 800, 1000, 1300 mm (24”–51”)
  - Diamond Blade Diameter: 250–350 mm (10”–14”)
  - Electric Motor: Single-Phase 2.2 kW = 3 HP OR Three-Phase 3.6 kW = 5 HP
  - Manual Head Travel and Depth Adjustment
  - Self-Contained Water Recycling System

- **Aluminum Frame and Head Sliding Beam**
  - Useful Cutting Lengths: 600, 800, 1000, 1300, 1500 mm (24”–59”)
  - Diamond Blade Diameter: 250–350 mm (10”–14”)
  - Electric Motor: Single-Phase 2.2 kW = 3 HP OR Three-Phase 3.6 kW = 5 HP
  - Manual Head Travel and Depth Adjustment
  - Self-Contained Water Recycling System
  - Optional Side Extension Table with Leg

### ADR - ATR XL

- **Portable Block Saws**
  - Useful Cutting Lengths: 750 mm (30”) for ATR / 1000–1300 mm (39”–51”) for ADR
  - Diamond Blade Diameter: 650 mm (25”)
  - Electric Motor: 3-Phase 4 kW = 5.5 HP
  - Manual Head/Bench Travel and Depth Adjustment
  - Self-Contained Water Recycling System

- **Tile Saw with Sliding Head**
  - Useful Cutting Lengths: 600, 800, 1000, 1300 mm (24”–51”)
  - Diamond Blade Diameter: 200 (8”) OR 300 mm (12”) for HT Version
  - Electric Motor: Single-Phase 1.1 kW = 1.5 HP OR 2.2 kW = 3 HP
  - Manual Head Travel and Depth Adjustment
  - Self-Contained Water Recycling System
  - Optional Side Extension Table with Leg

### PRECISION THAT FOLLOWS YOU EVERYWHERE.

- **La precisione che ti segue ovunque.**
Equipment to transport and safely handle all types of slabs. Attrezzature per il trasporto e il carico delle lastre in massima sicurezza.

**ABACO**

**SLAB TROLLEY**
carrello carica lastre

- Motorized and battery-powered, hydraulically operated system for slab lifting and positioning
- Worktop 1380x2000 mm (54"x79") in SC500 or 1680x2600 mm (66"x102") in SC800 fitted with extended telescopic panel to facilitate controls reach
- Worktop adjustable in height from 650 mm (25.5") to 960 mm (38")
- Electronic battery charger included
- Loading capacity: 500 kg (SC500) or 800 kg (SC800)
- Swivel shackle included
- Vulcanized rubber pads to prevent scratching and damages to handled workpieces
- Spessore di lastra sollevabile: da 15 a 75 mm
- Anello di sollevamento girevole incluso
- Ganasce in gomma vulcanizzata per impedire graffi o danni ai pezzi movimentati
- Portata: 500 kg (SC500) o 800 kg (SC800)

**COMPANY PROFILE**

ACHILLI was founded in 1950 as a family owned general engineering and metal working company. Soon after its start-up, it began to specialize in the production of floor grinding and polishing equipment. Over the years, Achilli has continued to grow with its expansion into the construction and stone working industries, while also gaining considerable recognition in the international marketplace. Today Achilli is known worldwide for its dedication to producing cutting-edge designs and high quality equipment at competitive prices, with short delivery times and efficient after sale service.

La Achilli nasce nel 1950 come azienda familiare di tipo metalmeccanico e, dopo alcuni anni di attività, si specializza nella produzione di macchine levigatrici per pavimenti. L'azienda intraprende negli anni un percorso di crescita che la porta ad investire gradualmente in nuovi segmenti di settore, quali quello edilizio e marmifero, con forte espansione nel mercato internazionale. Oggi la Achilli è conosciuta in tutto il mondo e, grazie alla notevole esperienza produttiva maturata e all’elevata qualità dei suoi prodotti, garantisce soluzioni innovative a prezzi concorrenziali, con tempi di consegna ridotti e un efficiente servizio post vendita.

**ACCESSORIES**

**abaco**

**SLAB LIFTER**
pinze solleva lastre

- Grip range: from 15 to 75 mm (0.15" to 3")
- Drivel shackle included
- Vulcanized rubber pads to prevent scratching and damages to handled work pieces loading capacity: 1000 kg
- Available with black or white rubber
- Spessore di lastra sollevabile: da 15 a 75 mm
- Anello di sollevamento girevole incluso
- Ganasce in gomma vulcanizzata per impedire graffi o danni ai pezzi movimentati
- Portata: 1000 kg
- Disponibile con gomma bianca o nera

**SC500 - SC800**

**SLAB TROLLEY**
carrello carica lastre

- Motorized and battery-powered, hydraulically operated system for slab lifting and positioning
- Worktop 1380x2000 mm (54"x79") in SC500 or 1680x2600 mm (66"x102") in SC800 fitted with extended telescopic panel to facilitate controls reach
- Worktop adjustable in height from 650 mm (25.5") to 960 mm (38")
- Electronic battery charger included
- Loading capacity: 500 kg (SC500) or 800 kg (SC800)
- Swivel shackle included
- Vulcanized rubber pads to prevent scratching and damages to handled workpieces
- Spessore di lastra sollevabile: da 15 a 75 mm
- Anello di sollevamento girevole incluso
- Ganasce in gomma vulcanizzata per impedire graffi o danni ai pezzi movimentati
- Portata: 500 kg (SC500) o 800 kg (SC800)