



EDGEWORTH
LAGUNA



Company Profile
2021



About Edgeworth

As one of the largest providers of equipment and services supporting the semiconductor and electronics industries in the Philippines, Edgeworth Laguna, Inc. (ELI) is committed to bringing value to our customers giving them the competitive edge enabling their continuous growth and success here in the Philippines and throughout the world.

Over the course of the last 50 years, there has been a constant evolution of industries, technologies, and opportunities in the Philippines. Our business has been built on our ability to actively participate in that evolution by working with global Original Equipment Manufacturers (OEMs) providing local sales and technical support for the "state of the art" technology offerings to support each of the emerging growth industries as they occurred.

During this time, our business has also evolved, from sourcing and providing the logistics and kitting of components for commodities such as radios, televisions and other consumer electronics to supporting the sales and service of the latest and greatest hi-tech equipment utilized in the semiconductor and electronics assembly, test and reliability processes.

Change has not been limited to the equipment or materials used to produce products here in the Philippines, and Edgeworth has embraced the challenges of being a good corporate citizen through an ongoing effort to ensure we are in line with local and international policies related to our people, the environment, and business conduct.

Our people have always been a cornerstone on which we have built our success. We have developed a culture to promote a high-achieving, results-oriented organization implementing values to focus on the elements crucial to customer satisfaction. The high number of long-term employees is an indicator of the "family" atmosphere, while the growth and success of the company is an indicator of the high level of professionalism found here. We are confident that through our continuous employee development and empowerment we will continue to propel Edgeworth through the next evolution of industry and technology in the Philippines.

We look forward to working with our customers to overcome the challenges involved in the next generation of technology, and sharing in the successes for the benefit of our companies, the industry, and the Philippines.

Mabuhay!

Market Access

Our main office is in the Laguna Technopark with branch offices in Baguio, Clark and Cebu. The close proximities to our clients allow us a faster response time for technical support and enables us to meet “just-in-time” tax-free spare parts requirements.

- Baguio
- Clark / Tarlac / Subic
- Manila
- Laguna
- Cebu





Main Facility – Laguna Technopark

1300 sqm Multifunction Facility with Training and Seminar areas, Application Center, Conference Rooms as well as a Customer Lounge area and dedicated warehouse space.



ELI Application and Training Center

Benefits to our customers:

- **Reduce Costs**

Instead of sending their people for training abroad, ELI Application and Training Center offers advance training for free, with the same quality of learning.

- **Process / Quality Improvement**

By providing application support, process and quality, improves and can be achieved based on the customers criteria and specifications.

- **Throughput enhancements / Reduction in Cycle time and Better Uptime / OEE**

Edgeworth Laguna Application and Training Center was strategically built to help customers by providing support on UPH improvement, advance training, skills enhancement and technical know how.



Our Vision

It is our vision to be a recognized leader in the sales of equipment, materials and support services. This will be accomplished by paying attention to both our customer needs and through innovation, for the development of quality support services.

Our Core Values

1. Service Value
2. Dependability
3. Speed
4. Empowerment and Accountability
5. Innovation
6. Teamwork
7. Integrity
8. Achievement and Discipline



Our Mission

To Our Customers

We will remain, with unrelenting research, at the forefront of technological advancement to promote products that will satisfy all aspects of their requirements and render reliable services and maintenance to these products throughout their economic life.

To Our Suppliers

We will uphold their integrity and reputation and apprise them on accurate market information as the bases of their future-generation products.

To Our Employees

We will mold them into our norms and business culture, provide them personality development and spiritual enrichment, recognize their performance and achievements in order to develop their confidence and sound judgment.

To Our Society

We will be responsive, with our earnest desire, to the welfare of our community and exercise awareness for the improvement of our environment.



Our People

Our employees play a major role in the growth of our business. We promote and nurture the development of our people by providing appropriate seminars, team building programs, continuing education through local and offshore training.

Our technical staff is comprised of ~50 board-certified ECE, electrical & mechanical engineers with an average tenure of more than 10 years, supporting equipment in high availability, high volume, quality intensive manufacturing environments. Many are regarded as the local “experts” providing applications support for our customers as well as identifying opportunities for improvement and equipment enhancements for our suppliers.

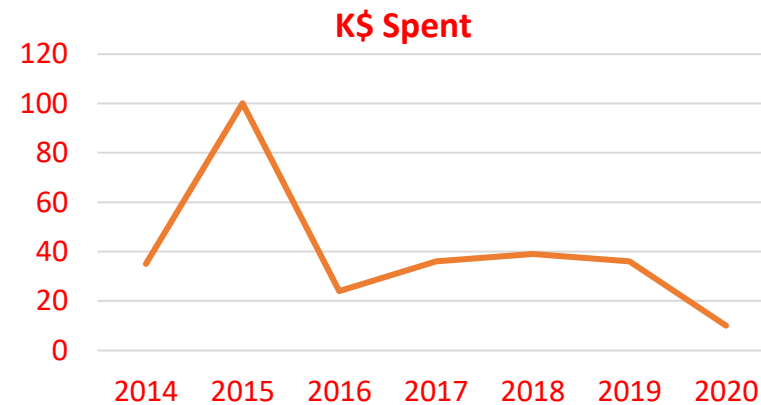
The depth in our sales team is a product of a solid equipment background coming from working in our technical support group prior to moving into a focused sales role. That experience combined with the long-term professional relationships they have established while in service make ELI a credible alternative when proposing solutions for our customer base.

Service

In 6 out of the last 7 years, Edgeworth Laguna, Inc. (ELI) has sent more than 20% of the total population offshore to participate in equipment specific product training. This factory floor hands-on training from our suppliers is conducted throughout the world in Japan, Malaysia, China, Germany, Singapore, Taiwan and the USA.

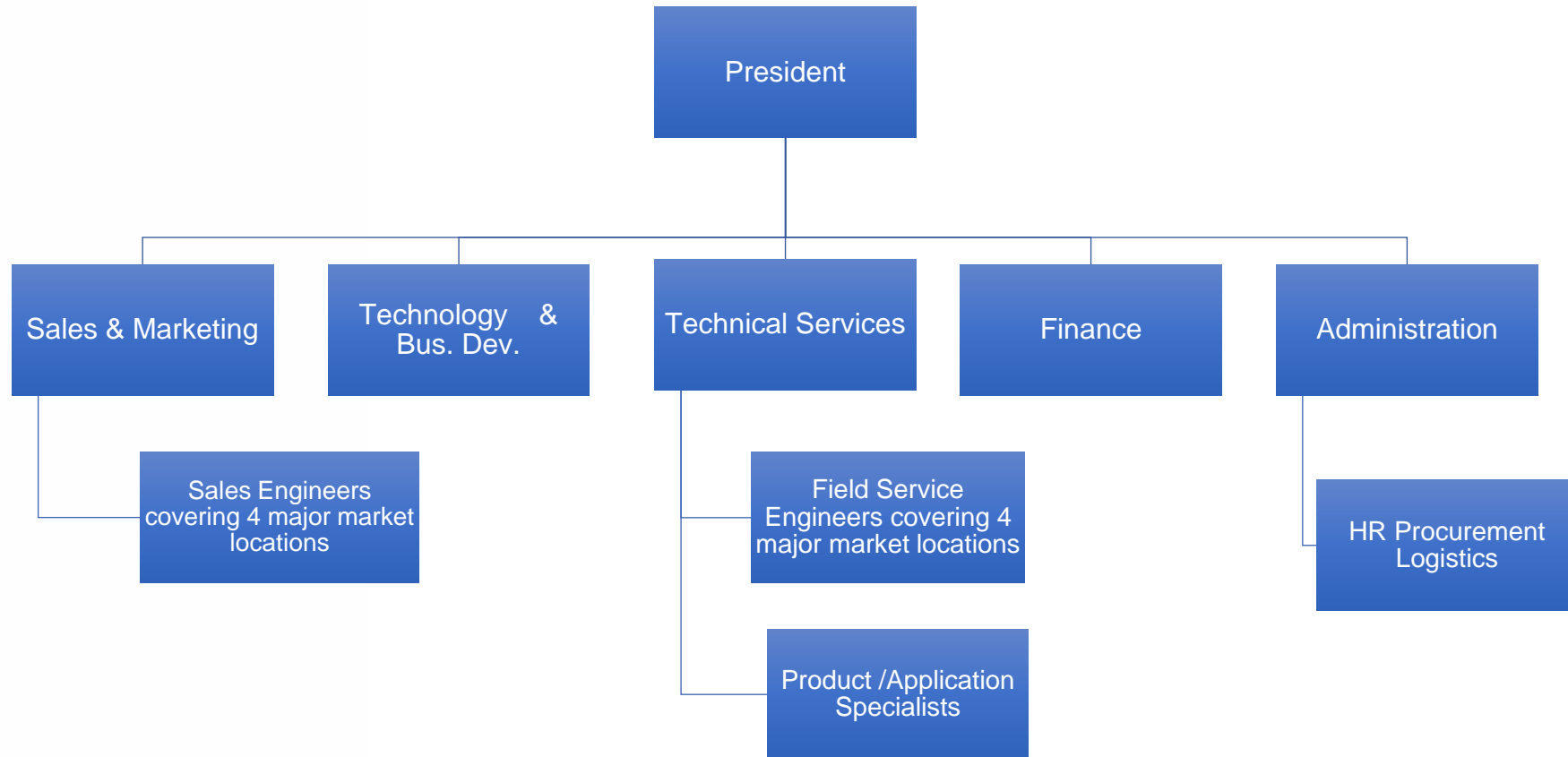
Working with our suppliers, we identify and procure the common as well as specialty tools, jigs and fixtures necessary to provide the highest level of service and ensure the shortest time to repair for our customers.

The Technical Service Group at Edgeworth Laguna is committed to minimizing our customers downtime with in-house access to a spare parts inventory in excess of \$1.1M USD.



Edgeworth has been providing initial warranty, extended warranty and post warranty service for our suppliers and our customers for over 50 years. We coordinate and manage the initial installation along with operator, maintenance and applications training with in-house start-up support for our customers.

ORGANIZATIONAL CHART





Product Lines



AD2000T / AD3000T PLUS
Wafer Dicer (Fully Auto)



AD3000T-HC PLUS
Wafer Dicer (Fully Auto)



SS10 / SS20 / SS30
Wafer Dicer (Semi Auto)



PS300
Package Saw



ML300EXWH
Wafer Laser Dicer



New AL300P
Ablation Laser for Plasma
Dicing



AD20T/S
Smallest Twin Spindle
Wafer Dicer



A-CS-300
Automatic Cleaning
System



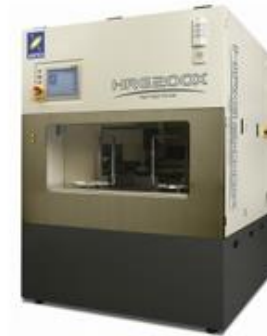
PG3000RMX
Polish Grinder
for 8"-12" Wafers



HRG3000RMX
Automatic 3 axis High Rigid
Grinder for 8"-12" Wafers



HRG300 / HRG300A
High Rigid Grinder
for 2"-12" Hard Brittle
Materials



HRG200X
High Rigid Grinder
for 3"-8" Hard to Grind
Materials



**ACCRETECH Precision Dicing
Blades & Grinding Wheels**



Resin Blade
For Semiconductor packages
like PQFN, Glass, Crystal,
Quartz, etc.



Metal Bond Blade
For Semiconductor packages
like Glass, Ceramic, etc.



Electroformed Bond Blade
For Green Ceramic, LED board,
Composite materials, Silicon,
Compound materials (GaAs,
GaP, etc.)



Electroformed Hub Blade
For Silicon and Compound
Semiconductor (GaAs, GaP,
etc.) wafers, Oxide Wafers
(LiTaO3, etc.)



Dresser Plate



Grinding Wheel
(Rough & Fine)



AltaProv
Wafer Prober



UF3000EX (EX-e)
Wafer Prober



FP2000
Wafer/Film Frame Prober



UF2000
Wafer Prober



New UF3000EX-15
Probing machine for mass production with
the same features as single probing,
achieving minimum footprint.



UF200R
Wafer Prober

Athlete

Micro Ball Mounters

New BM-1310W
for Wafers, BGA-CSP and Substrates



BA-1700
for Small Diameter Balls, Strip/Singulated Units



New Generation Ball Mounter

New BM-1400W
for Micro Solder Balls, 8"-12" Wafers



Micro Ball Repair System

BM-2000WR/SR
for Wafers, BGA-CSP and Substrates

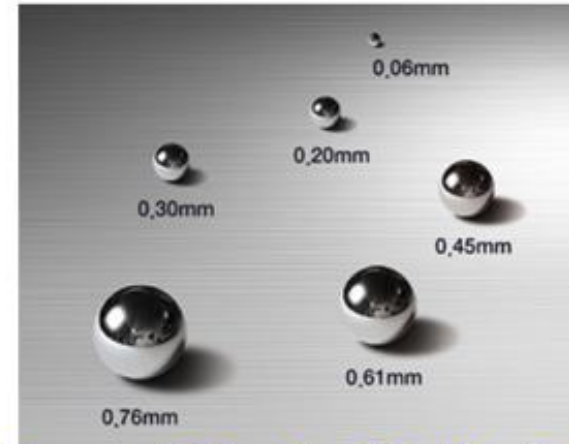


OTHER PRODUCTS

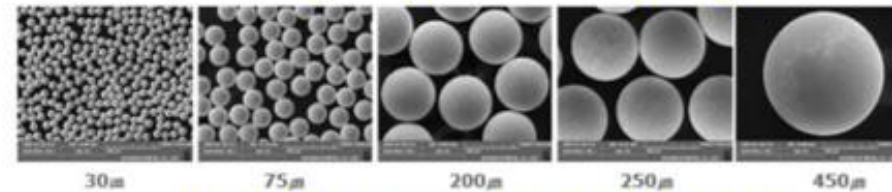
Flip Chip Systems
LCD Systems
Customized Material Handling

Athlete FA Corporation
Nagano, Japan

DS Hi-Metal



Micro and Standard Solder Balls for BGA, CSP, WLP and Flip-Chip



Solder Ball size ranges from 30µm to 760µm

OTHER PRODUCTS

Cu Cored Solder Ball
Conductive Particles
Solder Paste

Epoxy Paste
EMI Shielding
Ag Nano Wire

Duksan Hi-Metal Co., Ltd.
Ulsan, Korea



MEGCON II

The Antistatic System for Ultrapure Water

CO2 Bubblers



Models: Rack and Cabinet Type



MEGCON Cell Membrane



Automatic Wafer Sorter
with Inspection



Automatic High-Speed
Transfer



Automatic Wafer
Packer/Unpacker



Automatic Labeler and
Sorter



Automatic Wafer Mounter
Detaper System



Automatic Wafer Frame
High-Speed Labeler



First in the field of strip test handling solutions



SH-5000 / 5300 / 5300A

Strip Test Handler
The ultimate choice when temperature is critical.



FH-1200

Film Frame Handler
No package limitations,
No change kits required.



MH-3000/3300
Laser Marker Handler

High Performance laser
Marking of 2D codes and final
Package marks.

MCT Worldwide LLC
Minneapolis, Minnesota USA



LASER MARKING

New



Powerline E Twin Series

New



Powerline F Twin Series

New



Powerline E 8 QT



Easymark V

LASER WELDING



Integral



Desktop



Performance series

LASER SOURCE



Matrix



Genesis CX

Coherent Rofin
Santa Clara, California USA

ESPEC



J Series Chambers



AR Series Chambers



TSA Series



TSD-100



PH/PV Ovens



Walk-In Type Chamber



Thermo Recorder

Other Products:
Vacuum Ovens
Burn-In Systems
Vibration Chambers
Bench-Top Type Chambers
Barcode Systems
Hast Chambers

Hitachi High-Tech

HITACHI



**FT Series for Coating Thickness Gauge
XRF Plating Thickness Gauge**



**EA Series for Hazardous Substance Analysis
XRF Analyzer**



**Thermal Desorption Ionizer MS
(Screening Device for Phthalates)**



Auto-Mold System



M Series



C Series



T Series



BGA & WBGA



Top Gate Series



Film Assit
TFA Series
T Flex series



WFA Series



RL Series
Reel to Reel Application

Asahi Engineering Co., Ltd.
Fukuoka and Kyoto, Japan



Offers a broad range of cutting-edge X-ray and CT products designed to support all your industrial inspection needs.



COUGAR EVO series
Easy to use, very fast CT imaging. The perfect small footprint CT & 3D micro-slice platform.



CHEETAH EVO series
Make virtual μ -sections, quickly w/o cutting the sample. Advanced software for fault finding.

Experience a seamless CT inspection workflow

FF20 CT



FF35 CT



YXLON FF20 / FF35 CT Key Benefits

Intuitive touchscreen operation with new Geminy user interface. Revolutionary inspection sequence creation using icons. Flexible ROI selection thanks to off-center virtual rotation axis.

YXLON International GmbH
Germany



Temperature Measuring Instruments



Handheld Thermometers
Model HD-1000 series



Compact Thermologgers
Model AM-9000 series



Temperature Calibration System
Model ACS II series



~10,000 Types of Probes

Types: Surface, Magnet, Internal, Air, Moving, Food and more.

Anritsu Meter Co., Ltd.
Tokyo, Japan



Steam Age Chambers



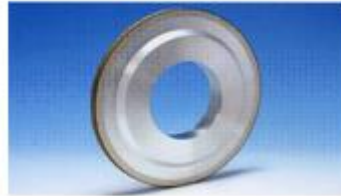
SAT 1-5 / SAT1-3 / SAT 2-5

Meets Mil. Spec 883, 202, 750, DOD 2000
and IPC ANSI/J STD
Microprocessor controlled
DI Compatible construction
Domed top insuring no condensation on the
components
Over-temperature safety features
Auto water refill through pump or solenoid

H&H Engineering, Inc.
Stockton, California USA

NORITAKE

RedringSolder®



Dicing Blade
(Rimsaw, Resin Cutter)



Hubless
(Package Singulation Blade)



Solder Paste



Liquid Flux



Diamond Wheel



Vitrified CBN Wheels



Solder Bar



Flux Cored Solder Wire



Coolant



Anodes



Wires



PCB Electrical Testing System



**New Fully-Auto Checker
Model DS401AT**



**Manual Checker
Model E series**



**Manual Press System
Compatible w/ Model E
series.**

Taiyo Industrial Co., Ltd.
Wakayama, Japan



**Wafer & Package AOI
Machine**

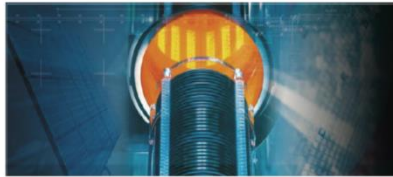


**Wirebond AOI
Machine**



**Post Tape Inspection
Machine**

TTVISION Technologies Sdn. Bhd.
Penang, Malaysia



Koyo

The future of heating technology



Vertical Furnace for 300mm Wafer VF-5700

Mini Batch, flexible up to 90 wafers batch processing.

High throughput by high-power heater with fast heat up.



Vertical Furnace for 300mm Wafer VF-5900

Large batch, Max 100 wafers batch processing.

Excellent temperature control from low to medium high temperature range by use of LGO heater.



High Temperature Clean Room Oven CLH Series

The best for semiconductor wafers and glass substrate.



High Temperature Inert Gas Oven IIM Series

Heat to 600 deg-C and keep oxygen concentration less than 20 ppm. The best for ceramic degreasing.

Koyo
Nara, Japan



Products



Fan Filter Units

We make sure that the air in your EFEM meets the highest possible standard of particle reduction in the most efficient way possible.



QIII+® Surface Particle Detector

Immediately detect particles to 0.3 micron and localize them within a production tool.



Shield Systems

Protects even the cleanest environments from the contamination created by sneezing, skin flakes and breathing.

Services



Process Kit Cleaning

- Chamber-to-Chamber on-site service programs
- Full kit management
- Ultra life kits
- State-of-the-art cleaning & coatings
- Refurbishment of chambers, critical components, spare parts



Coating

- AI TWAS
- Ultra TWAS for high stress films
- Cu TWAS
- SS TWAS
- Alumina ceramic
- Ytria ceramic
- Ytria blend ceramic
- Ultra Ytria ceramic

Assemblies

- Valving
- Lid Assemblies
- Cold traps
- Ion Implant line assemblies
- Process kits, such as DPS,IMP and Encore



Pentagon Technologies
Hayward, California USA



PUPPY Series
Pick and Place System



EXCEED 8808 Tri-Temp
Pick and Place System



EXCEED 6000/8000 Series
Pick and Place System



SUMMIT 3000
SLT Handler



OTS-05000/10000
Open-Short Test Total Solution



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Web: www.edgeworthcorp.com



Thank You!