

SEA



BUSINESS OVERVIEW

- ▶ MACKAY AUSTRALIA PTY LTD (MACKAY)
- ▶ EXCELLENCE IN RUBBER AND ENGINEERING
- ▶ 100% AUSTRALIAN OWNED
- ▶ ESTABLISHED IN 1932
- ▶ ACQUIRED BY DERWENT INDUSTRIES ON 3 MARCH 2023
- ▶ 78 EMPLOYEES
- ▶ AU\$25M PA REVENUE
- ▶ LOCATED IN MELBOURNE, AUSTRALIA
- ▶ RELOCATION TO A NEW SITE IN JANUARY 2021
- ▶ BUSINESS UNITS: TECHNICAL, RAIL, INDUSTRIAL, AUTOMOTIVE, DEFENCE
- ▶ DEFENCE SEGMENTS: LAND, SEA, AIR/SPACE AND WEAPON SYSTEMS



VALUE PROPOSITION

- ▶ MACKAY IS A RUBBER AND RUBBER COMPOSITES MANUFACTURER ENCOMPASSING DESIGN, DEVELOPMENT, MANUFACTURE AND THROUGH-LIFE SUPPORT.
- ▶ MACKAY'S TECHNICAL COMPETENCY INCLUDES PAIN POINT RESOLUTION FOR SYSTEM INTEGRATION AND SIGNATURE MANAGEMENT SOLUTIONS DERIVED THROUGH THE FOSTERING OF PARTNERSHIPS, PRODUCT INNOVATION AND NEW PROCESS CAPABILITIES

DELIVERING A NEW POSSIBLE.



CAPABILITIES

- ▶ ENGINEERING, DESIGN, FEA, MATHEMATICAL LIFE MODELLING, & PRODUCT SIMULATION
- ▶ COMPOUND DEVELOPMENT AND TESTING
- ▶ INHOUSE MATERIAL COMPOUNDING
- ▶ A FULL SUITE OF RUBBER PROCESS CAPABILITIES E.G. EXTRUSION, COMPRESSION, TRANSFER AND INJECTION MOULDING
- ▶ PRESS CAPABILITY OF UP TO 1,000 TONNE AND PLAN AREAS OF 1.5 X 2.4MTR
- ▶ HAND-BUILD CAPABILITY
- ▶ MAXIMISATION OF AIC DUE TO COMPREHENSIVE IN-HOUSE CAPABILITIES



KEY CUSTOMERS AND PARTNERS

- ▶ AUSTRALIAN SUBMARINE CORPORATION (ASC), COLLINS CLASS SUBMARINE.
- ▶ TECHNICAL SUPPORT AGENT (TSA) TO ASC
- ▶ BAE SYSTEMS (AUS): ESSM & NULKA INTERNAL AND EXTERNAL COMPONENTS.
- ▶ BAE SYSTEMS (UK): TYPE 26, PIPE HANGER INSERTS.
- ▶ BAE SYSTEMS (USA): ESSM MK25 CLOSURES.
- ▶ BOEING AEROSTRUCTURE AUSTRALIA: SEALS
- ▶ CAPABILITY ACQUISITION AND SUSTAINMENT GROUP (CASG): M113 - TRACKS PADS, BALLISTIC TRACK SHROUDS, RUBBER MATS, TRACK TOOL KITS.
- ▶ COOK DEFENCE (UK): TRACK PADS
- ▶ DEPARTMENT OF DEFENCE (DOD): VARIOUS COTS PRODUCTS.
- ▶ DEFENCE SCIENCE AND TECHNOLOGY (DST)
- ▶ ROCKET MOTOR INSULATION AND FUELS.
- ▶ ST ENGINEERING LAND SYSTEMS: BIONIX, COMPLETE TRACK SYSTEMS (INCL TRACKS, ROAD WHEELS, PADS, SUPPORT ROLLERS), SEALS, MOUNTS, HOISING.
- ▶ THALES: HAWKEI COMPONENT



AIR



QUALITY APPROVALS AND AWARDS

- ▶ AS/NZS ISO9001:2015
- ▶ AS/NZS ISO14001:2015
- ▶ ISO/IEC 17025:2017
- ▶ AUSTRALIAN TRUSTED TRADER (AUSTRALIAN BORDER FORCE)
- ▶ 2019 ASC SUPPLIER OF THE YEAR
- ▶ 2018 ESSINGTON LEWIS AWARD: CATEGORY WINNER OF MINOR SUSTAINMENT ACTIVITY UNDER \$20M.



WEAPON SYSTEMS



DISCRIMINATORS

- ▶ TECHNICAL SERVICES: ENGINEERING & CHEMISTS - WE DO DIFFICULT.
- ▶ NATA ACCREDITED LABORATORY.
- ▶ SECURITY: DISP MEMBERS AND ITAR/EAR COMPLAINT WITH APPROVED SECURE MANUFACTURING FACILITY.
- ▶ UNIQUE MATERIALS SOURCED GLOBALLY E.G. AERONAUTICAL GRADE MATERIALS, ABLATIVES, PRE-PREG, ADHESIVES AND CONDUCTIVE RUBBERS.
- ▶ SPECIALIST EQUIPMENT: RUBBER PROCESSING ANALYSER (RPA) AND 3D LASER NON-CONTACT SCANNING.
- ▶ EXPERIENCED DEFENCE EXPORTER: USA, SINGAPORE, EUROPE AND UK.



LAND



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DERWENT FOUNDRIES

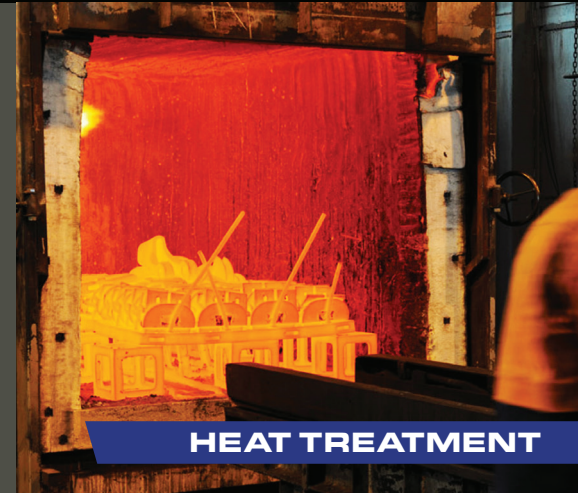
BUSINESS OVERVIEW

- ▶ DERWENT INDUSTRIES PTY LTD (DERWENT)
- ▶ EXCELLENCE IN CASTINGS, MACHINING, FABRICATION AND AUTOMATION
- ▶ 100% AUSTRALIAN OWNED
- ▶ ESTABLISHED IN 1934 (WITH LINEAGE TO 1840)
- ▶ 300+ EMPLOYEES
- ▶ AU\$100M+ PA REVENUE
- ▶ IN 2023 THE AUSTRALIAN BUSINESS GROWTH FUND (A GROUP COMPRISING OF SIX LEADING BANKS AND COA) TOOK AN EQUITY STAKE IN DERWENT
- ▶ FACILITIES IN AUSTRALIA AND NEW ZEALAND: MELBOURNE, SYDNEY, BENDIGO, WODONGA, HOBART AND AUKLAND



CAPABILITIES

- ▶ A RANGE OF HIGH INTEGRITY LOW ALLOY AND STAINLESS STEELS, MANGANESE STEELS, HIGH CHROME, NICKLE HARD, AND DUCTILE IRON
- ▶ ENGINEERING DESIGN
- ▶ ARC AND INDUCTION FURNACES
- ▶ STEEL CASTINGS UP TO 20T GROSS, DUCTILE IRON CASTINGS UP TO 40T GROSS
- ▶ 7 X HEAT TREATMENT OVENS (MAX 4 X 2.5 X 2.5M)
- ▶ CNC MACHINING CENTRES (X 13)
- ▶ COATING - PAINT AND POWDER COATING (FLUIDIZED BED AND ELECTROSTATIC)
- ▶ MAGNETIC PARTICLE AND ULTRASONIC NDT TESTING
- ▶ IN-HOUSE CHARPY IMPACT TESTING
- ▶ 3D PRINTING 600 X 900 X 900MM
- ▶ WELDING: MIG, TIG AND LASER
- ▶ ADVANCED MANUFACTURING, INDUSTRY 4.0 FOCUSED



HEAT TREATMENT

VALUE PROPOSITION

- ▶ DESIGN, DEVELOPMENT, AND MANUFACTURE OF INTEGRATED RUBBER AND CASTING SOLUTIONS. A UNIQUE CAPABILITY FEW CAN MATCH.
- ▶ SUCCESS IS DERIVED THROUGH THE FOSTERING OF PARTNERSHIPS, PRODUCT INNOVATION, AUTOMATION AND NEW PROCESS CAPABILITIES.



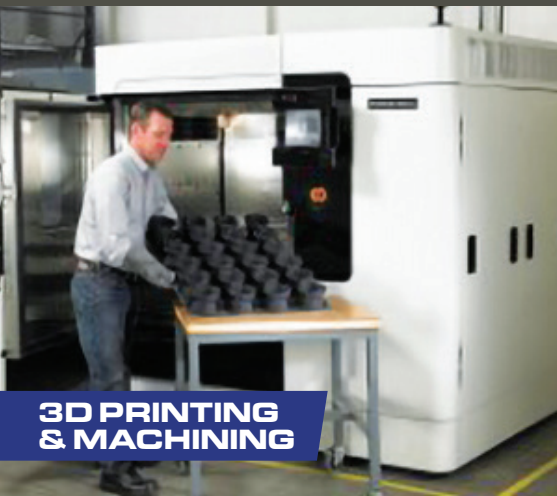
KEY CUSTOMERS AND PARTNERS

- | | |
|-------------------------------|---------------------------|
| ▶ THALES | ▶ RIO TINTO |
| ▶ ST ENGINEERING LAND SYSTEMS | ▶ BHP BILLITON |
| ▶ HITACHI | ▶ FORTESCUE METALS GROUP |
| ▶ UGL | ▶ NEWCREST MINING |
| ▶ THE MMD GROUP OF COMPANIES | ▶ MAJOR WATER AUTHORITIES |
| ▶ CODELCO | |



QUALITY APPROVALS AND AWARDS

- ▶ ISO9001:2015
- ▶ ISO14001:2015
- ▶ ISO 45001
- ▶ HITACHI INTERNATIONAL FACTORY CERTIFICATION
- ▶ BRW TOP 50 INNOVATIVE COMPANIES AND BRW BEST REGIONAL BUSINESS
- ▶ VICTORIAN MANUFACTURING HALL OF FAME



3D PRINTING & MACHINING

DISCRIMINATORS

- ▶ A VERTICALLY INTEGRATED BUSINESS CAPABLE OF FACILITATING A COHESIVE APPROACH TO A CLIENTS NEEDS ACROSS ALL OUR MANUFACTURING PLATFORMS.
- ▶ MAXIMISATION OF AIC DUE TO COMPREHENSIVE IN-HOUSE CAPABILITIES
- ▶ EXPERIENCED EXPORTER: UK, EUROPE, USA, CANADA, ASIA PACIFIC, MIDDLE ASIA, JAPAN, SWEDEN, BRAZIL, CHINA & CHILE



FABRICATION & AUTOMATION