



A&D MANUFACTURING MONTHLY

October 2023

Precision
Machining

Forming &
Bending

Fabrication &
Welding

Brazing &
Heat Treating

Metal
Finishing

Injection
Molding

Inspection, Test
& Assembly

Key A&D Manufacturing Deals Announced

Target	Buyer	Description
		<ul style="list-style-type: none"> ▪ Target: Excelsior Springs, MO-based KC Machine is a manufacturer of precision machined parts for the A&D market. Also provides prototyping, production, and cooperative design engineering solutions. Notable customers include the Department of Defense primarily as a subcontractor through Honeywell International. ▪ Buyer: New Century, KS-based Butler National Corporation (OTCQB: BUKS) operates through two segments; Aerospace and Professional Services. The Aerospace segment performs aircraft modifications and special mission (ISR) aircraft solutions. It provides systems integration, engineering, manufacturing, installation, overhaul and repair of aircraft and related products. ▪ Terms: Transaction announced on October 2, 2023. Terms not disclosed.
	 a portfolio company of 	<ul style="list-style-type: none"> ▪ Target: Wichita, KS-based Rapid Processing Solutions is an additive manufacturer of aerospace additive parts for private sector and U.S. federal government aerospace markets. Rapid PSI is capable of high volume 3D printing and also provides rapid tooling and prototyping services. ▪ Buyer: Midvale, UT-based Goengineer LLC delivers software, technology and expertise for design innovation and deliver better products faster. Serves the high tech, medical, machine design, energy and other industries. Reseller of SOLIDWORKS, Stratasys, VELO3D, CAMWorks, and PLM. Geoengineer is a portfolio company of Court Square Capital Partners. ▪ Terms: Transaction announced on October 5, 2023. Terms not disclosed.
 		<ul style="list-style-type: none"> ▪ Target: Portland, OR-based Stack Metallurgical is a provider of heat treatment and metal finishing services for private sector and U.S. federal government aerospace, defense and energy markets. Warsaw, IN-based Lake City HT provides Hot Isostatic Pressing and vacuum heat treating to the medical and civil aerospace market. ▪ Buyer: UK-based Bodycote International plc (LSE:BOY) is the world's largest provider of heat treatment and thermal processing services for the manufacturing supply chain, and value-adding and proprietary specialist technologies for a variety of applications. ▪ Terms: Transaction announced on October 6, 2023. The combined purchase price was \$145M, 3.2x FY2023P revenue and 9.1x expected 2024 EBITDA, net of tax benefits and synergies.
		<ul style="list-style-type: none"> ▪ Target: Mooresville, NC-based Compaero, Inc. is a manufacturer of back shells, adapters, protective covers, termination bands and other connector accessories used in aerospace and defense industry. AS9100 certified and operates out of a 25,000 sq. ft. facility with in-house machining capabilities and another location in Kerala, India. ▪ Buyer: Wichita, KS-based Isodyne, Inc. is a privately-held supplier of EMI back shell solutions primarily to the military and aerospace markets and are used on a wide range of land sea, air and space applications. Products include Isodyne's patented Tool Less Braid termination system. ▪ Terms: Transaction announced on October 9, 2023. Terms not disclosed.
	 a portfolio company of 	<ul style="list-style-type: none"> ▪ Target: Redmond, OR-based i3D MFG is a 3D engineering and metal additive manufacturing company providing rapid prototypes and production parts for the aerospace, medical, firearms, energy and automotive industries. Specializes in Direct Metal Laser Sintering technology to make complex metal parts in aluminum, titanium, Inconel, steel and customer metal powders. ▪ Buyer: Elk Grove Village, IL-based ERA Industries provides precision machined parts and assemblies for the A&D, medical, semiconductor, and other industries. Capabilities include up to 5 Axis milling, mill/turn, EDM, vacuum brazing, grinding (surface, OD/ID and thread), waterjet, and assemblies. ERA Industries is a portfolio company of L Squared Capital Partners. ▪ Terms: Transaction announced on October 16, 2023. Terms not disclosed.



A&D MANUFACTURING MONTHLY

October 2023

Precision
Machining

Forming &
Bending

Fabrication &
Welding





Brazing &
Heat Treating

Metal
Finishing

Injection
Molding

Inspection, Test
& Assembly

Key A&D Manufacturing Deals Announced *(continued)*

Target	Buyer	Description
 <p>GAUM A DIVISION OF UTRS ADVANCED MANUFACTURING</p>	 <p>UTRS THINKING FORWARD</p>	<ul style="list-style-type: none"> ▪ Target: Robbinsville, NJ-based Guam, Inc is a manufacturer of custom machinery components used in private sector and U.S. federal government defense markets. The company also provides welding and fabrication, precision machining, machinery maintenance repairs and machine assemblies solutions. ▪ Buyer: Cherry Hill, NJ-based Universal Technical Resource Services, Inc. (UTRS) is a privately-held provider of engineering, technical, strategic, and digital services with a focus on government customers including the Dept. of Defense and the Federal Aviation Administration. UTRS operates an Advanced Manufacturing division specialized in precision machined parts. ▪ Terms: Transaction announced on October 17, 2023. Terms not disclosed.
 <p>PRECIPART</p>	 <p>KKR</p>	<ul style="list-style-type: none"> ▪ Target: Lyss, Switzerland-based Precipart is a contract manufacturer of precision components for the medical device and aerospace industries. The company offers design, engineering, manufacturing, and assembly for OEMs, particularly for gears and motion control applications. ▪ Buyer: New York, NY-based KKR is an American global investment company offers alternative asset management as well as capital markets and insurance solutions. KKR sponsors investment funds that invest in private equity, credit and real assets and has strategic partners that manage hedge funds. As of June 30, 2023, KKR's private equity investments total \$170 billion across over 200 portfolio companies. ▪ Terms: Transaction announced on October 24, 2023. Terms not disclosed.



A&D MANUFACTURING MONTHLY

October 2023

Precision
Machining

Forming &
Bending

Fabrication &
Welding

Brazing &
Heat Treating

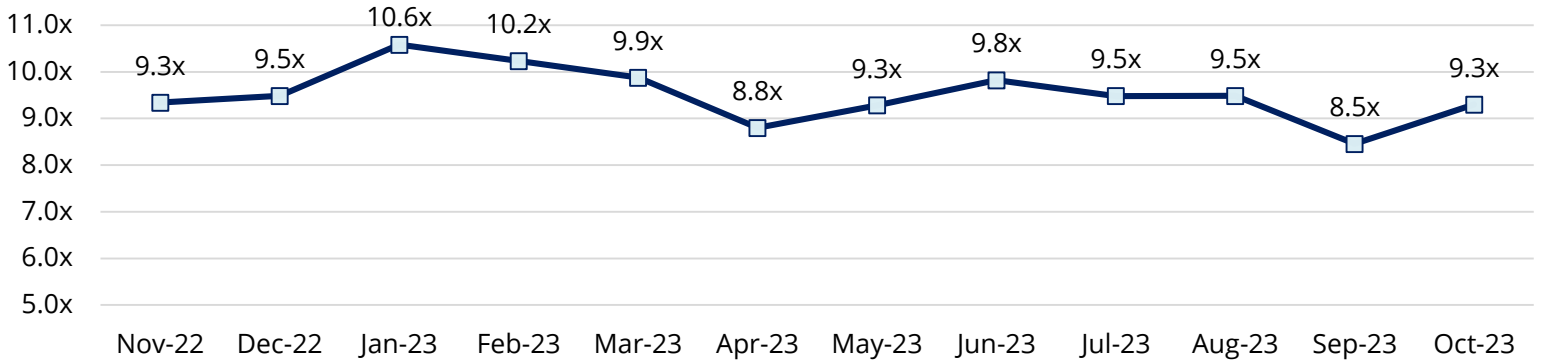
Metal
Finishing

Injection
Molding

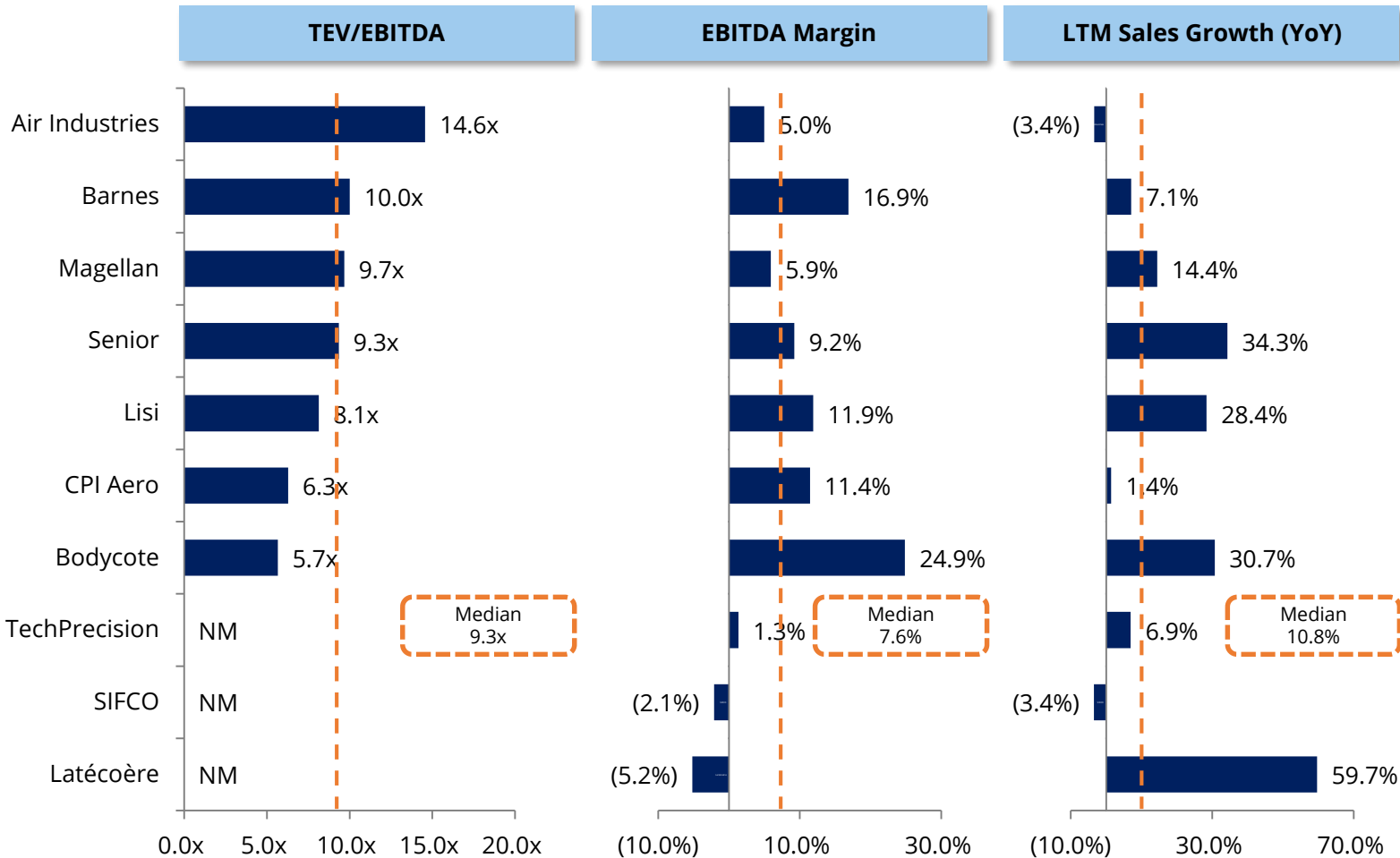
Inspection, Test
& Assembly

A&D Manufacturing Public Trading Comparables

Median TEV/EBITDA by Month



Valuation Trends By Company



Sources: CapIQ; Dacis, Investor Presentations, company websites and press releases

Notes: Market valuations and LTM financials from public data available as of 10/31/2023. Excludes TEV/EBITDA multiples >20.0x.



A&D MANUFACTURING MONTHLY

October 2023

Precision
Machining

Forming &
Bending

Fabrication &
Welding

Brazing &
Heat Treating

Metal
Finishing

Injection
Molding

Inspection, Test
& Assembly

A&D Manufacturing Public Trading Comparables *(continued)*

Company Profiles

Company	Description	A&D Exposure	TEV (\$M)	Sales (\$M)	EBITDA (\$M)	EBITDA Margin	TEV/Sales	TEV/EBITDA
 AIR INDUSTRIES GROUP NYSEAM:AIRI	Air Industries Group is a manufacturer of complex machined parts and assemblies for the Aerospace and Defense market. Products are used by OEMs in the manufacture of fixed wing aircraft, helicopters jet turbine engines, and other complex sophisticated products.	~100%	\$38	\$53	\$3	5.0%	0.7x	14.6x
 BARNES™ NYSE:B	Barnes Group Inc. operates through two segments: Industrial and Aerospace. The Aerospace business is a global manufacturer of complex fabricated and precision-machined components and assemblies for turbine engines, nacelles and structures for both commercial and defense-related aircraft.	~100%	\$2,275	\$1,349	\$228	16.9%	1.7x	10.0x
 MAGELLAN AEROSPACE TSX:MAL	Magellan Aerospace Corporation manufactures components for the aerospace industry. It engineers and manufactures aeroengine and aerostructure components for aerospace, defense, and space markets, as well as the aftermarket through spare parts and repair and overhaul services.	~66%	\$355	\$625	\$37	5.9%	0.6x	9.7x
 senior LSE:SNR	Senior plc operates through two segments: Aerospace and Flexonics. Senior Aerospace's portfolio includes the design and manufacture of fluid conveyance systems, precision machined airframe and gas turbine components, and fluid systems ducting and control products.	~50%	\$1,008	\$1,180	\$109	9.2%	0.9x	9.3x
 lisi ENXTPA:FII	Lisi S.A. operates three divisions: Aerospace, Automotive and Medical. Lisi Aerospace designs and produces a wide range of high value-added assembly systems, hydraulic fasteners, and metal structure components for aircraft. Its product categories include fasteners (62%) and structural components (38%).	~34%	\$1,621	\$1,694	\$202	11.9%	1.0x	8.1x
 CPI AERO NYSEAM:CVU	CPI Aerostructures, Inc. is a manufacturer of structural assemblies, integrated systems, and kitted components for the A&D markets. Product applications include fixed wing aircraft, helicopters, electronic warfare & ISR systems, missiles, and other sophisticated A&D products.	~100%	\$62	\$87	\$10	11.4%	0.7x	6.3x
 Bodycote LSE:BOY	Bodycote plc offers materials solutions, specializing in heat treatment and specialist thermal processes. Categorizes business into three major groups: Aerospace and Defense (thermal processing solutions for engine components and landing gear), automotive and general industrial.	~25%	\$1,438	\$1,023	\$255	24.9%	1.4x	5.7x
 TECHPRECISION NasdaqCM:TPCS	TechPrecision Corporation is a manufacturer of precision, large-scale fabricated and machined metal structural components and systems. Sells products to two main industry groups: defense and precision industrial. Markets served include defense, aerospace, nuclear, and medical.	~100%	\$76	\$32	\$0	1.3%	2.4x	NM
 SIFCO INDUSTRIES, INC. NYSEAM:SIF	SIFCO Industries, Inc. is engaged in the production of forgings and machined and sub-assembled components primarily for the aerospace and energy markets. The processes and services include forging, heat-treating, chemical processing and machining.	~66%	\$64	\$81	-\$2	(2.1%)	0.8x	NM
 LATECOERE ENXTPA:LAT	Latécoère S.A. operates two divisions: The Aerostructures division manufactures doors, fuselage, wings and empennage and connecting rods; the Interconnection Systems division produces and electrical harnesses, avionic racks, test benches and on-board video products.	~100%	\$439	\$611	-\$32	(5.2%)	0.7x	NM

Sources: CapIQ; Dacis, Investor Presentations, company websites and press releases

Notes: Market valuations and LTM financials from public data available as of 10/31/2023. Excludes TEV/EBITDA multiples >20.0x.



A&D MANUFACTURING MONTHLY

October 2023

Precision
Machining

Forming &
Bending

Fabrication &
Welding

Brazing &
Heat Treating

Metal
Finishing

Injection
Molding

Inspection, Test
& Assembly

Selected Janes Capital Partners A&D Manufacturing Experience

COREDUX[®]
a portfolio company of
ARCLINE
INVESTMENT MANAGEMENT
has acquired
PYRAMID
PRECISION MACHINE
PYRAMID PRECISION MACHINE INC.
ADVISOR TO SELLER

DUE WEST
PARTNERS
has acquired
ONAMAC
A DIVISION OF ODP
a portfolio company of
WARBURG PINCUS | **Berkshire**
Partners
ADVISOR TO SELLER

CADREX
a portfolio company of
CORE
INDUSTRIAL
has acquired
IDL PRECISION MACHINING
ADVISOR TO SELLER

PTI
a wholly-owned subsidiary of
ESCO
TECHNOLOGIES
has acquired
NEco
ADVISOR TO SELLER

GOFF CAPITAL
has acquired
CASCADE
ADVISOR TO SELLER

ITT
has acquired
ATEX
Composites, Inc.
ADVISOR TO SELLER
\$29 million

UMBRA GROUP
has acquired
Thomson Aerospace & Defense from
MEGGITT
ADVISOR TO BUYER

ADMIRALTY PARTNERS, INC.
has acquired the
Santa Ana operations from
GE Aviation
ADVISOR TO SELLER

ae Industrial
Partners
has acquired
A&A
ADVISOR TO SELLER

SORENSEN CAPITAL
has acquired
RTC
ROBERTS TOOL COMPANY, INC.
ADVISOR TO BUYER

PRV
AEROSPACE
a portfolio company of
COURT SQUARE
has acquired
ASTRO SPAR, INC.
ADVISOR TO SELLER
\$45 million

Triumph Group, Inc.
has acquired
United Aircraft Products from
Parker
ADVISOR TO SELLER

smiths
has acquired
Able
Corporation
ADVISOR TO SELLER

HEICO[®]
has acquired
Thermal Structures Inc.
ADVISOR TO SELLER

Bodycote
has acquired
Alumatherm
Heat Treating
ADVISOR TO SELLER

Janes Capital Partners Team Contact Information



Stephen Perry
Managing Director
sperry@janescapital.com
(949) 769-3323 x6901



Ken Fukumoto
Director
kfukumoto@janescapital.com
(949) 769-3323 x6904



Chris Reinecke
Vice President
cwreinecke@janescapital.com
(949) 769-3323 x6905



Bruce Renner
Analyst
brenner@janescapital.com
(949) 769-3323 x6906

Based in Irvine, CA, Janes Capital Partners is a leading investment banking firm focused solely on the Aerospace and Defense industry. The firm provides mergers and acquisition advisory services and assists clients in executing growth strategies and liquidity events. The members of Janes Capital Partners have completed more than 80 successful A&D transactions and \$5.5 billion in closed transaction value. Securities transactions are conducted through JCP Securities, Inc., a registered Broker/Dealer, member FINRA/SIPC, and registered Investment Advisor. Janes Capital Partners is an independent financial advisory firm that is affiliated with Oaklins International Inc. Oaklins is the world's most experienced mid-market M&A advisor, with 850 professionals globally and 15 dedicated industry teams in 45 countries.