

EQUITY RESEARCH TEAM



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EQUITY COVERAGE UNIVERSE



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Abraxas Petroleum Corp. (AXAS)
 Apache Corp. (APA)
 Diamondback Energy, Inc. (FANG)
 Earthstone Energy, Inc. (ESTE)
 Gastar Exploration, Inc. (GST)
 Jones Energy, Inc. (JONE)
 Lonestar Resources Ltd. (LONE)
 Marathon Oil Corp. (MRO)
 Northern Oil and Gas, Inc. (NOG)
 Oasis Petroleum Inc. (OAS)
 PetroQuest Energy, Inc. (PQ)
 Pioneer Natural Resources Company (PXD)
 Ring Energy, Inc. (REI)
 SandRidge Energy, Inc. (SD)
 SilverBow Resources, Inc. (SBOW)
 Southwestern Energy Company (SWN)
 Stone Energy Corp. (SGY)
 Sundance Energy Corporation (SNDE)
 TransAtlantic Petroleum Ltd. (TAT)
 W&T Offshore, Inc. (WTI)
 Whiting Petroleum Corp. (WLL)

Anadarko Petroleum Corp. (APC)
 Antero Resources Corp. (AR)
 Cabot Oil & Gas Corp. (COG)
 Carrizo Oil & Gas, Inc. (CRZO)
 Centennial Resource Development Inc. (CDEV)
 Cimarex Energy Corp. (XEC)
 Comstock Resources, Inc. (CRK)
 Eclipse Resources Corp. (ECR)
 Energen Corp. (EGN)
 EQT Corp. (EQT)
 Goodrich Petroleum Corp. (GDP)
 Lillis Energy, Inc. (LLEX)
 Noble Energy, Inc. (NBL)
 Parsley Energy, Inc. (PE)
 Range Resources Corp. (RRC)
 Resolute Energy Corp. (REN)
 Rex Energy Corp. (REXX)
 Sanchez Energy Corp. (SN)

Approach Resources, Inc. (AREX)
 Bill Barrett Corp. (BBG)
 Bonanza Creek Energy, Inc. (BCEI)
 Callon Petroleum Company (CPE)
 Chesapeake Energy Corp. (CHK)
 Concho Resources Inc. (CXO)
 Contango Oil & Gas Company (MCF)
 Continental Resources, Inc. (CLR)
 Devon Energy Corp. (DVN)
 Gulfport Energy Corp. (GPOR)
 Halcón Resources Corp. (HK)
 Jagged Peak Energy Inc. (JAG)
 Laredo Petroleum, Inc. (LPI)
 Matador Resources Company (MTDR)
 New field Exploration Company (NFX)
 PDC Energy Inc. (PDCE)
 RSP Permian, Inc. (RSPP)
 SM Energy Company (SM)
 SRC Energy Inc. (SRCI)
 Unit Corp. (UNT)
 WPX Energy, Inc. (WPX)

EQUITY COVERAGE UNIVERSE



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<p>Basic Energy Services, Inc. (BAS) Diamond Offshore Drilling Inc. (DO) Eco-Stim Energy Solutions, Inc. (ESES) Ensco plc (ESV) Frank's International NV (FI) Halliburton Company (HAL) Hornbeck Offshore, Inc. (HOS) Key Energy Services Inc. (KEG) Natural Gas Services Group, Inc. (NGS) Noble Corp. (NE) Oceaneering International, Inc. (OII) Rowan Companies Inc. (RDC) Schlumberger Limited (SLB) Seadrill Limited (SDRL) Superior Energy Services, Inc. (SPN) TechnipFMC plc (FTI) Tesco Corporation (TESO) Transocean Ltd. (RIG) Weatherford International Ltd. (WFT)</p>	<p>Baker Hughes, a GE company (BHGE) Emerge Energy Services LP (EMES) Energy Recovery, Inc. (ERII) Fairmount Santrol Holdings Inc. (FMSA) Flotek Industries Inc. (FTK) Helmerich & Payne Inc. (HP) Hi-Crush Partners LP (HCLP) National Oilwell Varco, Inc. (NOV) Parker Drilling Co. (PKD) Patterson-UTI Energy Inc. (PTEN) Pioneer Energy Services (PES) RPC Inc. (RES) Select Energy Services Inc. (WTTR) Smart Sand Inc. (SND) Solaris Oilfield Infrastructure Inc. (SOI) U.S. Silica Holdings, Inc. (SLCA) Xtreme Drilling Corp. (XDC-T)</p>	<p>Golar LNG Partners LP (GMLP) Hoegh LNG Partners LP (HMLP) Sanchez Production Partners LP (SNMP) Seadrill Partners LLC (SDLP) Targa Resources Corp (TRGP) Tellurian Inc. (TELL)</p>	<p>Andeavor Logistics (ANDX) Antero Midstream GP LP (AMGP) Antero Midstream Partners LP (AM) EnLink Midstream LLC (ENLC) EnLink Midstream Partners, LP (ENLK) Enterprise Products Partners LP (EPD) EQT GP Holdings LP (EQGP) EQT Midstream Partners, LP (EQM) Noble Midstream Partners LP (NBLX) ONEOK Inc. (OKE) Plains All American Pipeline, L.P. (PAA) Plains GP Holdings, L.P. (PAGP) Western Gas Equity Partners (WGP) Western Gas Partners LP (WES)</p>

EQUITY COVERAGE UNIVERSE



Coal; Gas Utilities; Railroads		Specialty Chemicals; Coatings
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<p>Coal Alliance Resource Partners LP (ARLP) Arch Coal, Inc. (ARCH) Cloud Peak Energy Inc. (CLD) CONSOL Coal Resources LP (CCR) CONSOL Energy Inc. (CEIX) Natural Resource Partners LP (NRP) Peabody Energy Corporation (BTU) Ramaco Resources, Inc (METC) SunCoke Energy, Inc. (SXC) SunCoke Energy Partners L.P. (SXCP) Teck Resources Limited (TECK) Warrior Met Coal, Inc. (HCC)</p> <p>Gas Utilities Atmos Energy Corp. (ATO) Chesapeake Utilities Corp. (CPK) New Jersey Resources Corp. (NJR) ONE Gas Inc. (OGS) RGC Resources Inc. (RGCO) WGL Holdings Inc. (WGL)</p> <p>Railroads Canadian National Railway (CNI) Canadian Pacific Railway Limited (CP) CSX Corporation (CSX) Kansas City Southern (KSU) Norfolk Southern Corp. (NSC) Union Pacific Corporation (UNP)</p>		<p>Specialty Chemicals A. Schulman Inc. (SHLM) Air Products & Chemicals Inc. (APD) Albemarle Corporation (ALB) Ashland Inc. (ASH) Cabot Microelectronics Corporation (CCMP) Chemtura Corporation (CHMT) Ecolab Inc. (ECL) Entegris Inc. (ENTG) Ferro Corporation (FOE) FMC Corp. (FMC) GCP Applied Technologies Inc. (GCP) HB Fuller Co. (FUL) KMG Chemicals, Inc. (KMG) PolyOne Corporation (POL) Praxair Inc. (PX) Quaker Chemical Corp. (KWR) Stepan Company (SCL) W. R. Grace & Co. (GRA) Valvoline Inc. (VVV) Versum Materials, Inc. (VSM)</p> <p>Coatings Axalta Coating Systems Ltd. (AXTA) PPG Industries Inc. (PPG) RPM International Inc. (RPM) Sherwin-Williams Company (SHW)</p> <p>Other Par Pacific Holdings, Inc. (PARR)</p>

EQUITY COVERAGE UNIVERSE



Rail Suppliers; Trucking	Airfreight & Logistics; Maritime; Trucking	Maritime Transportation
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<p>Rail Suppliers American Railcar Industries, Inc. (ARII) FreightCar America Inc. (RAIL) GATX Corporation (GATX) Greenbrier Companies (GBX) Trinity Industries Inc. (TRN) Wabtec Corporation (WAB)</p> <p>Trucking – Flatbed/Specialized Daseke, Inc. (DSKE)</p> <p>Trucking – LTL ArcBest Corporation (ARCB) Old Dominion Freight Line Inc. (ODFL) SAIA, Inc. (SAIA) YRC Worldwide Inc. (YRCW)</p>	<p>Airfreight & Logistics Air Transport Services Group, Inc. (ATSG) Atlas Air Worldwide Holdings Inc. (AAWW) Expeditors International of Washington, Inc. (EXPD) FedEx Corporation (FDX) Forward Air Corp. (FWRD) Hub Group Inc. (HUBG) Radiant Logistics, Inc. (RLGT) Ryder System, Inc. (R) United Parcel Service, Inc. (UPS) World Fuel Services Corp. (INT) XPO Logistics, Inc. (XPO)</p> <p>Maritime Danaos Corporation (DAC) Global Ship Lease, Inc. (GSL) Kirby Corporation (KEX) Matson, Inc. (MATX) Seaspan Corporation (SSW)</p> <p>Trucking – TL Covenant Transportation Group, Inc. (CVTI) Heartland Express, Inc. (HTLD) Knight-Swift Transportation Holdings Inc. (KNX) Marten Transport Ltd. (MRTN) Werner Enterprises Inc. (WERN)</p>	<p>Tankers Ardmore Shipping (ASC) DHT Holdings, Inc. (DHT) Euronav NV (EURN) Frontline Ltd. (FRO) Gener8 Maritime (GNRT) Hafnia Tankers Ltd. (HAFNIA-NO) International Seaways Inc. (INSW) Nordic American Tankers Limited (NAT) Scorpio Tankers Inc. (STNG) Teekay Tankers Ltd. (TNK) Tsakos Energy Navigation Ltd. (TNP)</p> <p>LNG/LPG GasLog Ltd. (GLOG) Golar LNG Ltd. (GLNG)</p> <p>Dry Bulk Diana Shipping Inc. (DSX) Eagle Bulk Shipping Inc. (EGLE) Genco Shipping & Trading Ltd. (GNK) Golden Ocean Group Limited (GOGL) Scorpio Bulkers Inc. (SALT) Safe Bulkers, Inc. (SB) Star Bulk Carriers Corp. (SBLK)</p> <p>Diversified Ship Finance International Limited (SFL)</p>

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Building Products & Furnishings		Machinery; E&C; Trucks & Suppliers	
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<p>Commercial Interiors Herman Miller, Inc. (MLHR) HNI Corp (HNI) Interface, Inc. (TILE) Knoll Inc (KNL) Steelcase Inc. (SCS)</p> <p>Diversified Commercial Acuity Brands, Inc (AYI) NCI Building Systems Inc. (NCS) Belden Inc. (BDC)</p> <p>Building Products Beacon Roofing Supply Inc. (BECN) BMC Stock Holdings, Inc. (BMCH) Builders FirstSource, Inc. (BLDR) Continental Building Products Inc. (CBPX) GMS Inc. (GMS) Installed Building Products Inc. (IBP) Owens Corning (OC) Ply Gem Holdings, Inc. (PGEM) TopBuild Corp. (BLD) Trex Co. Inc. (TREX)</p>	<p>Wood Building Products Boise Cascade Company (BCC) Louisiana-Pacific Corp. (LPX)</p>	<p>Agricultural & Turf Machinery AGCO Corporation (AGCO) Alamo Group, Inc. (ALG) CNH Industrial N.V. (CNHI) Deere & Company (DE) Lindsay Corporation (LNN) Toro Co. (TTC)</p> <p>Construction Machinery Astec Industries, Inc. (ASTE) ASV Holdings Inc. (ASV) Caterpillar Inc. (CAT) Manitex International, Inc. (MNTX) Manitowoc Company, Inc. (MTW) Oshkosh Corporation (OSK) Terex Corp. (TEX)</p> <p>Industrial Machinery Columbus McKinnon Corp. (CMCO) Hyster-Yale Materials Handling, Inc. (HY) Modine Manufacturing Company (MOD) Stanley Black & Decker, Inc. (SWK) Valmont Industries, Inc. (VMI)</p>	<p>Truck & Trailer OEMs Navistar International Corporation (NAV) PACCAR Inc. (PCAR) Wabash National Corp. (WNC)</p> <p>Truck Suppliers Commercial Vehicle Group Inc. (CVGI) Cummins Inc. (CMI) Douglas Dynamics, Inc. (PLOW) Rush Enterprises, Inc. (RUSHA) Spartan Motors Inc. (SPAR)</p> <p>Engineering & Construction NV5 Holdings, Inc. (NVEE)</p>

EQUITY COVERAGE UNIVERSE



Aerospace & Defense; Aerospace Materials

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Aerospace & Defense

AAR Corp. (AIR)
 BWX Technologies Inc. (BWXT)
 CACI International Inc. (CACI)
 Esterline Technologies Corp. (ESL)
 FLIR Systems, Inc. (FLIR)
 Harris Corporation (HRS)
 HEICO Corp. (HEI)
 Kratos Defense & Security Solutions, Inc. (KTOS)
 PTC Inc. (PTC)
 Rockwell Collins Inc. (COL)
 Spirit AeroSystems Holdings Inc. (SPR)
 Science Applications International Corporation (SAIC)
 The Boeing Company (BA)
 The KEYW Holding Corporation (KEYW)

Aerospace Materials

Arconic Inc. (ARNC)
 Allegheny Technologies Inc. (ATI)
 Constellium N.V. (CSTM)
 Carpenter Technology Corporation (CRS)
 Kaiser Aluminum Corporation (KALU)

Diversified Industrials; Flow Control

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Diversified

Federal Signal Corp. (FSS)
 Gibraltar Industries, Inc. (ROCK)
 Horizon Global Corp. (HZN)
 Illinois Tool Works Inc. (ITW)
 John Bean Technologies Corporation (JBT)
 Kennametal Inc. (KMT)
 Lennox International, Inc. (LI)
 Lincoln Electric Holdings, Inc. (LECO)
 RBC Bearings Incorporated (ROLL)
 Regal Beloit Corporation (RBC)
 The Middleby Corporation (MIDD)
 Watsco Inc. (WSO)
 Welbilt, Inc. (WBT)

Flow Control

Chart Industries Inc. (GTLS)
 Colfax Corporation (CFX)
 Crane Co. (CR)
 Curtiss-Wright Corp. (CW)
 Dover Corporation (DOV)
 Flow serve Corporation (FLS)
 Franklin Electric Co., Inc. (FELE)
 Graco Inc. (GGG)
 IDEX Corporation (IEX)
 ITT Corporation (ITT)
 Kadant Inc. (KAI)
 MRC Global Inc. (MRC)
 Mueller Water Products, Inc. (MWA)
 Nordson Corporation (NDSN)
 NOW Inc. (DNOW)
 Pentair plc (PNR)
 SPX FLOW, Inc. (FLOW)
 Watts Water Technologies, Inc. (WTS)
 Xylem Inc. (XYL)

EQUITY COVERAGE UNIVERSE



Healthcare	Healthcare
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<p><i>Biotech; Specialty Pharma</i> Aerie Pharmaceuticals Inc. (AERI) Aldeyra Therapeutics Inc. (ALDX) BioDelivery Sciences International, Inc. (BDSI) Cara Therapeutics Inc. (CARA) Corcept Therapeutics, Inc. (CORT) Jazz Pharmaceuticals, Inc. (JAZZ) Lipocine Inc. (LPCN) Pacira Pharmaceuticals Inc. (PCRX) SCYNEXIS Inc. (SCYX) Vanda Pharmaceuticals Inc. (VNDA) vTv Therapeutics Inc. (VTVT) Zynerva Pharmaceuticals Inc. (ZYNE)</p>	<p><i>Biotech; Specialty Pharma</i> Aurinia Pharmaceuticals Inc. (AUPH) AVEO Pharmaceuticals Inc. (AVEO) Conatus Pharmaceuticals Inc. (CNAT) Cytokinetics Inc. (CYTK) Evoke Pharma Inc. (EVOK) Galectin Therapeutics Inc. (GALT) Galmed Pharmaceuticals Ltd. (GLMD) Intercept Pharmaceuticals Inc. (ICPT) Motif Bio plc (MTFB) Novavax Inc. (NVAX) Pluristem Therapeutics Inc. (PSTI) RedHill Biopharma Ltd. (RDHL) Rexahn Pharmaceuticals Inc. (RNN) Seres Therapeutics Inc. (MCRB)</p>

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