

# STOXX® GLOBAL AUTOMATION & ROBOTICS INDEX

## Components<sup>1</sup>

Company	Supersector	Country	Weight (%)
LATTICE SEMICONDUCTOR	Technology	United States	1.99
NVIDIA Corp.	Technology	United States	1.58
Advantest Corp.	Technology	Japan	1.56
SMARTSHEET A	Technology	United States	1.44
Rockwell Automation Corp.	Industrial Goods & Services	United States	1.42
LASERTEC	Technology	Japan	1.41
Ansys Inc.	Technology	United States	1.38
WORKDAY CLASS	Technology	United States	1.36
Microchip Technology Inc.	Technology	United States	1.34
SAP	Technology	Germany	1.34
BENTLEY SYSTEMS B	Technology	United States	1.33
SILICON LABS.	Technology	United States	1.33
Keyence Corp.	Industrial Goods & Services	Japan	1.32
LARGAN Precision	Consumer Products & Services	Taiwan	1.32
NOVANTA	Technology	United States	1.30
Yaskawa Electric Corp.	Industrial Goods & Services	Japan	1.30
LINCOLN ELECTRIC HDG.	Industrial Goods & Services	United States	1.29
Ametek Inc.	Industrial Goods & Services	United States	1.26
Intuitive Surgical Inc.	Health Care	United States	1.26
GEA GRP	Industrial Goods & Services	Germany	1.24
SAGE GRP	Technology	Great Britain	1.23
KLA	Technology	United States	1.23
CONSTELLATION SOFTWARE	Technology	Canada	1.22
Valmet	Industrial Goods & Services	Finland	1.22
Obic Co. Ltd.	Technology	Japan	1.21
SPECTRIS	Industrial Goods & Services	Great Britain	1.19
Fanuc Ltd.	Industrial Goods & Services	Japan	1.18
ABB	Industrial Goods & Services	Switzerland	1.17
PTC INC	Technology	United States	1.16
Roper Technologies Inc.	Technology	United States	1.16
Fortive	Industrial Goods & Services	United States	1.16
TERADYNE	Technology	United States	1.15
Autodesk Inc.	Technology	United States	1.13
METSO OUTOTEC	Industrial Goods & Services	Finland	1.13
SNOWFLAKE A	Technology	United States	1.13
IPG PHOTONICS	Technology	United States	1.11
DASSAULT SYSTEMS	Technology	France	1.11
Omron Corp.	Technology	Japan	1.10
ADVANCED MICRO DEVICES	Technology	United States	1.10
NORDSON	Industrial Goods & Services	United States	1.06
Garmin Ltd.	Consumer Products & Services	United States	1.05
Onto Innovation	Technology	United States	1.04
OPEN TEXT	Technology	Canada	1.02
Teradata Corp.	Technology	United States	1.01
HEXAGON B	Technology	Sweden	1.00
SERVICENOW	Technology	United States	0.99
EPAM SYSTEMS	Technology	United States	0.98
ALTRA INDUSTRIAL MOTION	Industrial Goods & Services	United States	0.97
Yokogawa Electric Corp.	Industrial Goods & Services	Japan	0.96
SPLUNK	Technology	United States	0.96
DAIFUKU	Industrial Goods & Services	Japan	0.96
UIPATH A	Technology	United States	0.93
ATS CORPORATION	Industrial Goods & Services	Canada	0.90
AZBIL CORP.	Industrial Goods & Services	Japan	0.88
ALTAIR ENGINEERING	Technology	United States	0.87
ALTERYX 'A'	Technology	United States	0.84
Intel Corp.	Technology	United States	0.83
GLOBANT	Technology	United States	0.83
ELASTIC	Technology	United States	0.80
NEMETSCHEK	Technology	Germany	0.80
GUC	Technology	Taiwan	0.79
JOHN BEAN TECHNOLOGIES	Industrial Goods & Services	United States	0.78
HILLENBRAND	Industrial Goods & Services	United States	0.78
CLARIVATE ANALYTICS	Technology	United States	0.75
FORTNOX AB	Technology	Sweden	0.71
AMBARELLA	Technology	United States	0.70
NOVA	Technology	Israel	0.69
ALCHIP TECHNOLOGIES	Technology	Taiwan	0.69
SPROUT SOCIAL A	Technology	United States	0.68
PAGERDUTY	Technology	United States	0.68
Totvs	Technology	Brazil	0.66
HIWIN Tech	Industrial Goods & Services	Taiwan	0.65

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Company	Supersector	Country	Weight (%)
TECHNOLOGY ONE	Technology	Australia	0.64
MAXLINEAR	Technology	United States	0.61
INTERROLL	Industrial Goods & Services	Switzerland	0.59
KADANT	Industrial Goods & Services	United States	0.56
MICROSTRATEGY	Technology	United States	0.55
KION GROUP	Industrial Goods & Services	Germany	0.54
SHIFT	Technology	Japan	0.53
KONECRANES	Industrial Goods & Services	Finland	0.49
LUMINAR TECHNOLOGIES A	Automobiles & Parts	United States	0.46
MONDAYCOM	Technology	United States	0.46
CARGOTEC CORPORATION	Industrial Goods & Services	Finland	0.44
AUTOSTORE HOLDINGS	Industrial Goods & Services	Norway	0.43
RENISHAW	Industrial Goods & Services	Great Britain	0.42
INFICON	Industrial Goods & Services	Switzerland	0.42
HARMONIC DRIVE SYS.	Industrial Goods & Services	Japan	0.42
JENOPTIK	Technology	Germany	0.41
DUERR	Industrial Goods & Services	Germany	0.40
SHAL.BAOSIGHT SOFTWARE 'B'	Technology	China	0.40
FUJI SOFT	Technology	Japan	0.39
JUNGHEINRICH PREF	Industrial Goods & Services	Germany	0.39
RAKUS	Technology	Japan	0.39
ASANA A	Technology	United States	0.38
MEYER BURGER TECH	Industrial Goods & Services	Switzerland	0.37
ADDNODE GROUP B	Technology	Sweden	0.37
KRONES	Industrial Goods & Services	Germany	0.36
TOPCON	Industrial Goods & Services	Japan	0.35
Faraday Tech	Technology	Taiwan	0.34
NSD	Technology	Japan	0.33
Japan Steel Works Ltd.	Industrial Goods & Services	Japan	0.33
3D SYSTEMS	Technology	United States	0.32
ASMEDIA TECHNOLOGY	Technology	Taiwan	0.31
SUMO LOGIC	Technology	United States	0.31
OBIC BUS.CONSULTANTS	Technology	Japan	0.30
IROBOT	Consumer Products & Services	United States	0.30
OC OERLIKON	Industrial Goods & Services	Switzerland	0.28
KARDEX 'B'	Industrial Goods & Services	Switzerland	0.27
PARSONS	Technology	United States	0.25
KOMAX	Industrial Goods & Services	Switzerland	0.25
BYSTRONIC 'A'	Industrial Goods & Services	Switzerland	0.25
CERENCE	Technology	United States	0.25
COLUMBUS MCKINNON NY	Industrial Goods & Services	United States	0.25
STRATASYS	Technology	United States	0.24
NUVOTON TECHNOLOGY	Technology	Taiwan	0.24
HOLLYSYS ATMTN.TECHS.	Industrial Goods & Services	United States	0.24
ZUORA A	Technology	United States	0.24
RIKEN KEIKI	Industrial Goods & Services	Japan	0.23
ASSECO POLAND	Technology	Poland	0.23
KORNIT DIGITAL	Industrial Goods & Services	United States	0.22
MESA LABORATORIES	Industrial Goods & Services	United States	0.21
PROTO LABS	Industrial Goods & Services	United States	0.21
IDEC	Technology	Japan	0.18
NAGARRO N	Technology	Germany	0.18
CYBOZU	Technology	Japan	0.18
VIA TECHNOLOGIES	Technology	Taiwan	0.17
DYE AND DURHAM	Technology	Canada	0.17
CEVA	Technology	United States	0.17
SIMPLEX HOLDINGS	Technology	Japan	0.15
FORMULA	Technology	Israel	0.15
PENTAMASTER	Industrial Goods & Services	Malaysia	0.14
SHIBAURA MACHINE	Industrial Goods & Services	Japan	0.13
HIRATA	Industrial Goods & Services	Japan	0.13
DOUZONE BIZON	Technology	South Korea	0.13
MAYTRONICS	Industrial Goods & Services	Israel	0.13
DESKTOP METAL A	Industrial Goods & Services	United States	0.13
MATTERPORT A	Technology	United States	0.12
OPTEX GROUP	Industrial Goods & Services	Japan	0.12
Holtek	Technology	Taiwan	0.12
HYSTE-YALE MATS.HADG.'A'	Industrial Goods & Services	United States	0.11
BRAINCHIP HOLDINGS	Technology	Australia	0.11
SANYO DENKI	Industrial Goods & Services	Japan	0.11
FARO TECHNOLOGIES	Industrial Goods & Services	United States	0.11

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<b>Company</b>	<b>Supersector</b>	<b>Country</b>	<b>Weight (%)</b>
PARK SYSTEMS	Industrial Goods & Services	South Korea	0.10
MICROVISION	Technology	United States	0.09
DOMO B	Technology	United States	0.08
NEXTIN	Technology	South Korea	0.07
RIETER HOLDING 'R'	Industrial Goods & Services	Switzerland	0.07
BROADLEAF	Technology	Japan	0.07
THOUGHTWORKS HOLDING	Technology	United States	0.07
TUSIMPLE HOLDINGS A	Industrial Goods & Services	United States	0.06
RANPAK HOLDINGS A	Industrial Goods & Services	United States	0.05
FITTECH	Technology	Taiwan	0.05
MAXST	Technology	South Korea	0.04
UNITEST	Technology	South Korea	0.04
UPLAND SOFTWARE	Technology	United States	0.03
OUSTER A	Technology	United States	0.02

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