





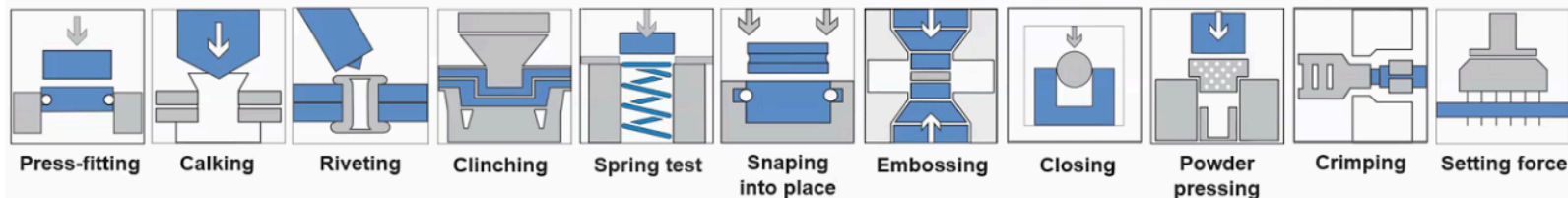


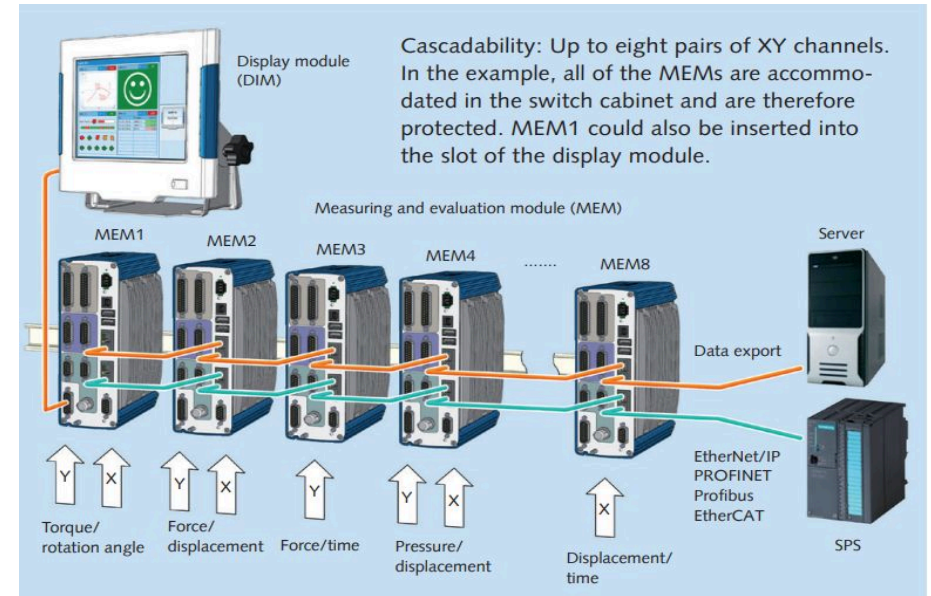
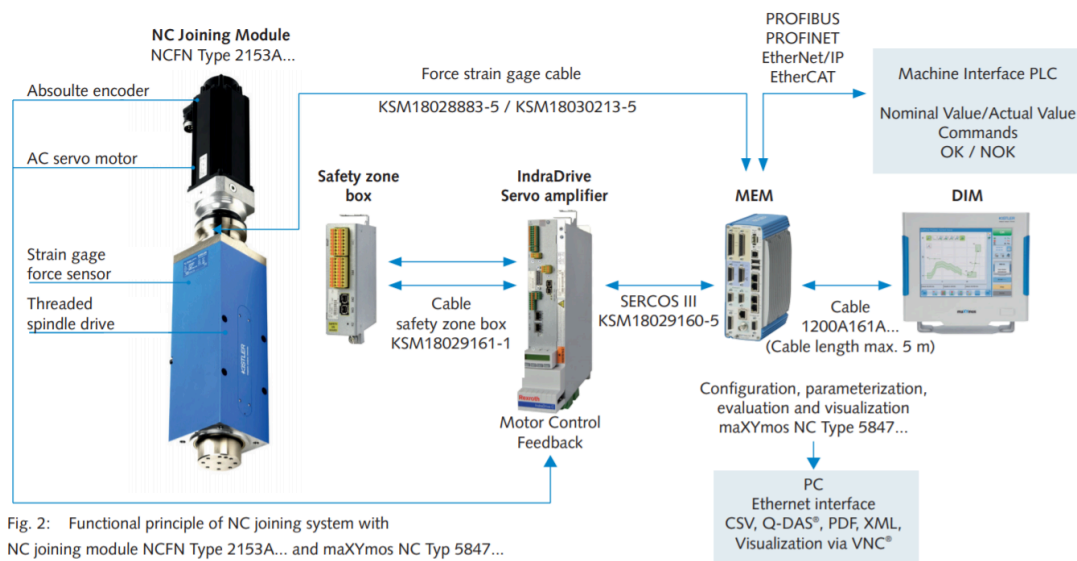
Kistler Servo Press Quick overview

Model	Image	Servo Drive	maXYmos NC Process Monitor	Press Force (kN)	Stroke (mm)	Speed (mm/s)	Features	Notes
NCFE Type 2162A 10 micron repeatability 3 micron resolution Economy Model		L4: Safety option STO IndraDrive Cs 500 microsecond - SERCOS III	All major fieldbus as standard On board I/O CSV, Q-DAS, PDF, XML, Visualization via VNC	2, 5, 10, 20, 40, 80 Strain Gauge, Compression	200 350	250 mm/s (2, 5, 10, 20, 40) kN 200 mm/ (80 kN)	100 % nominal force, 5 million cycles 80% of nominal force, 10 million cycle Holding brake Absolute Encoder	Flange Assembly IP 54
NCFH - Type 2151B Compact design Absolute encoder 10 micron repeatability 1 micron resolution		S4: Safety Option STO, Indra Drive C Safety Zone box E-Stop Light curtain Safety doors	All major fieldbus as standard On board I/O CSV, Q-DAS, PDF, XML, Visualization via VNC	Size 1 [1, 2, 5, 10, 15] Size 2 [30,60] Piezo-electric force sensing - 2 measuring ranges, Compression/tension	Size 1 [200] Size 2 [400]	300 mm/s Compress/Tension High speed option available	Hollow shaft servo motor Direct drive (no gear, belt Extremely dynamic Holding brake standard ~10 million cycles Absolute Encoder	Wall or Flange Assembly IP 54
NCFN - Type 2153A Standard design for medium to high force 10 micron repeatability 1 micron resolution Inline		STO standard, Indra Drive C S4: Safety Zone box E-Stop Light curtain Safety doors	All major fieldbus as standard On board I/O CSV, Q-DAS, PDF, XML, Visualization via VNC	Compression/tension 5,10,15,30,60,100, 200, 300 Higher forces available Strain gauge	<=100 kN = 200 5... 300 kN = 400	250 mm/s <= 60 kN 100 mm/s (300 kN) 140 mm/s (200 kN) 200 mm/s (100 kN) Compression/Tension	Customization in force and stroke 1000mm, 180 angle motor, Safety brake for LC Holding brake standard ~10 million cycles Absolute Encoder	Wall or Flange Assembly
NCFE Type 2152B Absolute encoder 10 micron repeatability Piezoelectric 1 micron resolution Piezo-electric force sensing		STO standard, Indra Drive C S4: Safety Zone box E-Stop Light curtain Safety doors	All major fieldbus as standard On board I/O CSV, Q-DAS, PDF, XML, Visualization via VNC	15, 25	350	250 mm/s Compress/Tension	Cylinder head assembly Guide accuracy is improved by an integrated linear guide. ~10 million cycles Absolute Encoder	
NCFE Type 2157B Absolute encoder repeatability < 2 micron IndraDrive C 250 micro second - SERCOS III		STO standard, Indra Drive C S4: Safety Zone box E-Stop Light curtain Safety doors	All major fieldbus as standard On board I/O CSV, Q-DAS, PDF, XML, Visualization via VNC	50 N.. 1.5	0..100	400 mm/s compression/tension	Direct drive (no gear, no belt) Extremely dynamic, maximum measuring accuracy due the integrated piezo sensor in the ram, transmission via telemetry >10 million cycles Absolute Encoder	ISO 14644-1 Class 8 clean room , 7 possible Wall assembly
NCFE Type 2163A Absolute encoder		STO standard, Indra Drive C S4: Safety Zone box E-Stop Light curtain Safety doors	All major fieldbus as standard On board I/O CSV, Q-DAS, PDF, XML, Visualization via VNC	Size 1 55 Size 2 80	200	220 mm/s 55 kN, 200 mm/s 80 kN	~ 15 million cycles Compact lightweight design – ideal for use on robots and stationary or mobile portals Absolute Encoder	Weight Optimized servo press 47.1 & 67.3 kg

This information corresponds to the current state of knowledge. Please refer to official Kistler data sheets, and manuals for current information.



Kistler Servo Press System



Kistler Sensors

