

# STRA Wide-Opening Self-Centering Steady Rest



## Application / Benefits

Enhances the accuracy when machining unstable, heavy or long work piece

## Technical features

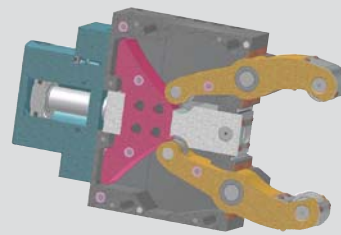
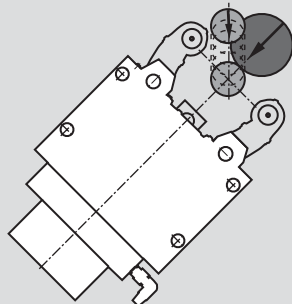
The arms and center rollers are interconnected and designed to self-adjust to various size workpieces

The mechanical design improves durability by eliminating the need for springs

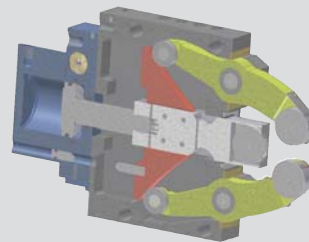
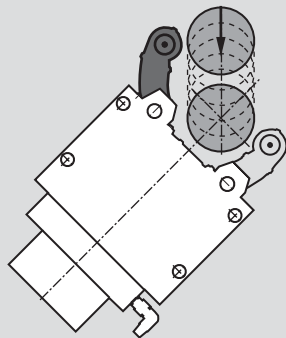
The top arm pivots extra wide to allow for easier drop down loading when working on mills or flatbed lathes

## Fixed or Travelling Applications

**STA**  
Conventional model



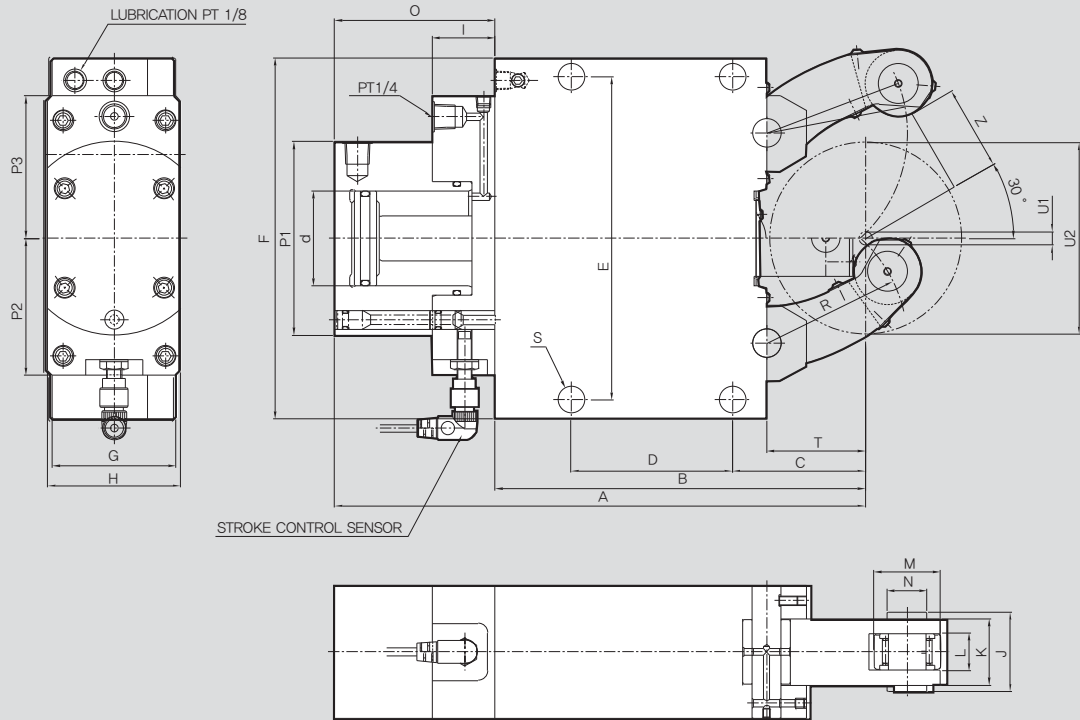
**STRA**  
The wide opening arm of the STRA steady rest makes vertical loading and automation convenient



## SPECIFICATIONS

	STRA-1	STRA-2	STRA-3	STRA-3.1	STRA-4	STRA-5	STRA-6
Piston Area [cm <sup>2</sup> ]	7	19.6	50	50	78	78	132
Max. Clamping Force / Roller [kgf]	100	450	1000	1000	1500	2000	3000
Operation Pressure [bar]	Max.	50	70	60	60	60	80
	Min.	6	8	8	8	8	8
Centering Range [mm]	Max.	52	80	130	150	220	268
	Min.	4	8	12	22	30	50
Max. Roller Surface Speed [m/min]	800	800	725	725	715	700	700
Centering Accuracy [mm]	0.02	0.02	0.04	0.04	0.05	0.06	0.06
Repeatability Accuracy [mm]	0.005	0.005	0.007	0.007	0.007	0.01	0.01
Weight [kg]	6	14	39	40	92	152	420

STRA



**DIMENSIONS**

	STRA-1	STRA-2	STRA-3	STRA-3.1	STRA-4	STRA-5	STRA-6
A	207	279.5	431	440	608	688.5	944.5
B	137	195	312	320	448	510	709
C	51	70	115	123	146	178	215
D	64	85	135	135	240	270	330
E	118	170	262	262	365	400	640
F	132	190	290	290	400	440	680
G	55	70	85	85	110	145	145
H	70	70	100	100	144	144	158
I	33	33	37	37	37	37	37
J	24	42	52	52	67	83	83
K	20	35	45	45	60	75	75
L	12	19	25	25	25	29	29
M	19	35	47	47	52	62	80
N	6	21	25	25	32	36	42
O	70	84.5	120	120	160	187.5	235.5
P1	84	102	137	137	165	165	190
P2	66	72	90	90	102	102	115
P3	66	75	100	100	110	110	130
R	50.5	74	119	124	172	209	290
S	11	14	18	18	23	23	27
T	37	52	85	93	128	160	175
Z	26.5	41	66	76	111	135	230
U1	4	8	12	22	30	50	160
U2	52	80	130	150	220	268	460