

**TAIHEI
SATOMAC**

CSD-G series
2 AXES NC COILER



New Generation NC Coiling Machine “CSD-G” Series

- Re-born as 2 axes NC machine
 - CSD series coiling machines were well known as a high rigidity, high accuracy mechanical coiling machine, now CSD series is re-born as all brand-new NC machine, with inheriting its original tooling mechanism and operability
 - As well as keeping equivalent price, realize overwhelming productivity, accuracy, and easy setting
 - CSD-G Series propose NEW GENERATION COILING MACHINE STANDARD

- Realizing highly efficiency by advanced NC system adoption
 - Adapting newly developed higher performance multi-axes NC machine control system, realize higher-speed higher-precision productivity

- Two-fingers coiling mechanism
 - Inheriting 2 slide fingers mechanism from CSD series, enable stable low D/d spring production

- High precision direct drive
 - Since feed shaft and cam shaft are directly connected to the motor shaft, realizing high accuracy production with low lost motion ratio by gear backlash.
 - Because of no clutch mechanism used, free from maintenance cost for parts change

CSD Series Specifications

	CSD-12G	CSD-23G	CSD-32G
Wire diameter (mm)	0.2~1.2	0.4~2.3	1.0~3.2
Max outer diameter (mm)	25	40	60
Max wire feeding speed (m/min)	80	90	100
Max wire feeding length	Unlimited		
Number of feeding rollers	1 roller	2 rollers	2 rollers
Camshaft rotation speed (rpm)	450 Max	300 Max	300 Max
Coiling method	2 fingers with 2 slides		
Coiling direction	Right (Optional Left unit available)		
Pitch mechanism	Push		
Number of axis	2 Axes NC (feed/camshaft)		



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