

DDK Nutrunner Series New Lineup



# AFC3000

*Next Generation*



## *Fastening Evolution*

For an  
*Ever-Changing Assembly World*



**DAI-ICHI DENTSU LTD.**



# "Evolution in Fastening Technology"

AFC3000 Next Generation

What is the best suitable fastening mode for future assembly...???

"Size, Speed and Highly Accurate Performance are what is driving the future of Fastening technology today."

## Main Feature

High Speed Seating Damper is available (Optional) to prevent overshooting even at 1,000 rpm or 800Vφ. (Patent JP)

Multiple spindles Communication Unit (Multi-Control-Communication Function) is embedded into each spindle controller for cost-effectiveness and space reduction.

High Speed unit to unit Communication is more than three times faster than current system (Ethernet Standard). Compact Flash (CF) Card (Optional) is available for storing data without PC or server.

## Tool

- Compact-design / High speed tools with space saving profile for close center applications.
- Offset Tools and Spindle Units are available.



Tool Model	Max. TRQ (Nm)	Max. Speed (rpm)	Sp. Drive (mm)	Overall Length (mm)	Min. C to C (mm)	Weight (kg)	Applicable Unit
CFT-101RS1-S	10	3,000	□9.5	275	38	1.3	MFC-S024
CFT-201RS1-S	20	1,293	□9.5	290	38	1.4	
CFT-401RS1-S	40	712	□9.5	293	38	1.4	
CFT-801RS3-S	80	1,015	□12.7	372	49	3.4	MFC-S060
CFT-132RS3-S	130	662	□12.7	372	49	3.4	
CFT-202RS3-S	200	387	□15.9	390	58	4.3	
CFT-302RS3-S	300	260	□19.0	440	70	5.8	

## Axis Unit



- Various expansion units are available for your best combination.
- All-in-one unit controls fastening, data processing and PLC communication.
- Separate power for control/drive provides safety options. Auxiliary E-Stop Hardwire circuit.

Unit Model	Max. Axis (mm)	Drive Power (ACV)	Control Power (DCV)	Width (mm)	Height (mm)	Depth (mm)	Weight (kg)
MFC-S024	24	3-Phase AC200-230V	DC24V	56	265	192	1.6
MFC-S060	60			56	265	192	2.0

### User Console Software

Visual Fastening Parameter setup, Data monitor & Storage, Torque curves display and more. User Friendly software. Multi Functional Sequencing.



Multi-Function Sequence Operation

Fieldbus Interface

DeviceNet/Profibus, Ethernet IP, CC-Link, etc.

Large Memory

Extended PORT RS232C/2sh



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