

ISO 9001:2015
Certified Company

A COMPLETE
SOLUTION PROVIDER
FOR *SPINNING INDUSTRY*
PARTS & RETROFIT

nachi teknekaTM

RETROFIT ✓



Engineered Solutions!
Excellence through innovation.

nachi teknekaTM

Maintain the value of machine and boost its performance with innovative engineered solutions.

After several years of operation, machines do not meet today's requirements and it requires a little boost to recover their initial productivity. Nachi Tekneka provides a wide range of solutions to bring your machine up to its best levels and even beyond.

Retrofit from Nachi Tekneka

- ✓ Maximize productivity
- ✓ Improve yarn quality
- ✓ Save energy and optimize costs
- ✓ Extend the lifetime of equipment
- ✓ Improve flexibility
- ✓ Originality unchanged
- ✓ The system robust and durable
- ✓ Customer specific engineering and solution
- ✓ Easy installation by mill technician
- ✓ 24/7 Technical support
- ✓ 24 months replacement warranty

Nachi PROTOcon System_Pro

- ✓ Nachi PROTOcon helps originality unchanged
- ✓ New AC drives are robust and durable
- ✓ Significantly longer life
- ✓ The electrical wirings made easy to setup
- ✓ Installation can be done by mill technician
- ✓ Easy installation helps rapid commencement of production
- ✓ Repairing of AC drives can be done any local authorized repairing center



DEPARTMENT	MACHINE	MODEL	CAT. NO.	MODIFICATION	
				FROM	TO
BLOWROOM	Uniclean	B11	N1	KEB F4 / F5	Yaskawa V1000
	Uniflex	B60	N1 and N2	KEB F4 / F5	Yaskawa V1000
	Uniflex	B70	N1 and N2	KEB F4 / F5	Yaskawa V1000
CARDING	Carding	C50	N10 and N11	Commander SK	Yaskawa V1000
	Carding	C50	N10 and N11	KEB F4 / F5	Yaskawa V1000
	Carding	C51	N1, N10, N11 and N43	KEB F4 / F5	Yaskawa V1000
	Carding	C60	U1, U10, U11, U12 and U41	KEB F4 / F5	Yaskawa V1000
LAP FORMER	Unilap	E30	U1	Commander SK	Yaskawa A1000
	Unilap	E32	U1	KEB F4 / F5	Yaskawa A1000

Nachi PROTOcon System_ProMaster

Nachi PROTOcon helps originality unchanged ✓

New AC drives are robust and durable ✓

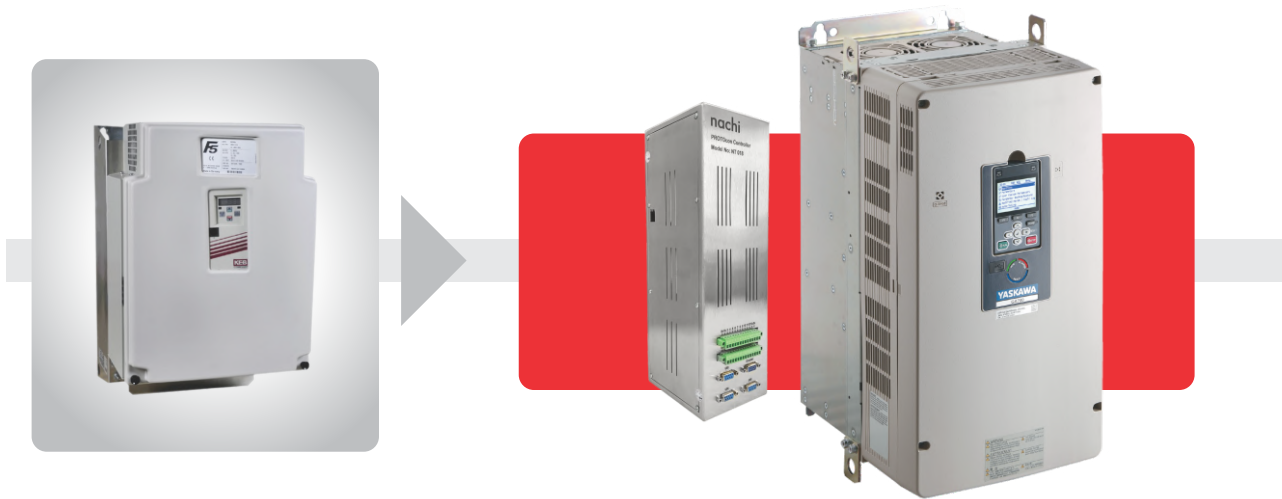
Significantly longer life ✓

The electrical wirings made easy to setup ✓

Installation can be done by mill technician ✓

Easy installation helps rapid commencement of production ✓

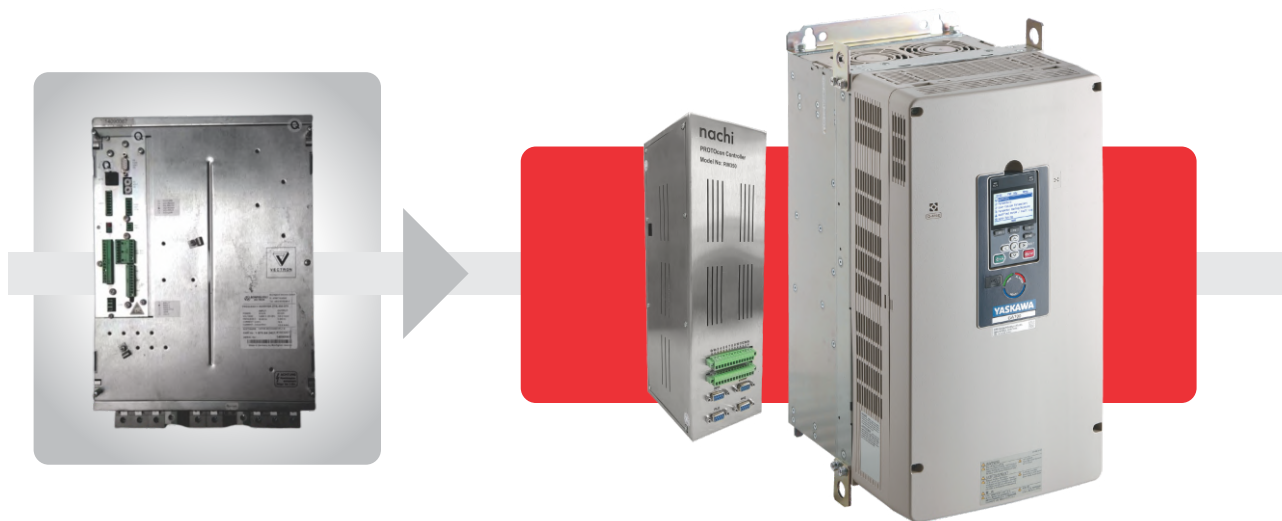
Repairing of AC drives can be done any local authorized repairing center ✓



DEPARTMENT	MACHINE	MODEL	CAT. NO.	MODIFICATION	
				FROM	TO
SPINNING	Ring Spinning	G33	U1, U60, U80, U90	KEB F4 / F5	Yaskawa A1000 / GA700
	Compact Spinning	K44	U1, U60, U80, U90	KEB F4 / F5	Yaskawa A1000 / Ga700

Nachi PROTOcon System_ProMaster

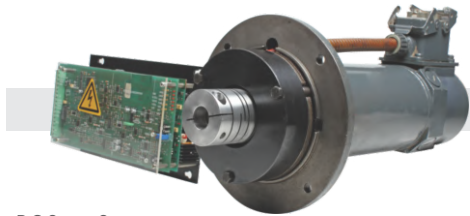
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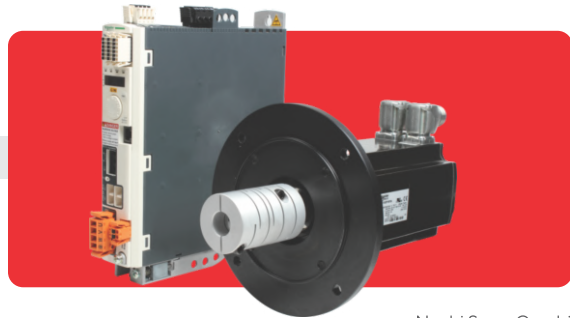
DEPARTMENT	MACHINE	MODEL	CAT. NO.	MODIFICATION	
				FROM	TO
SPINNING	Ring Spinning	RM 350	A25 & 27	VECTRON	Yaskawa A1000 / GA700

NACHI ServoCombi

Retrofit system to replace DC Drive with AC Servo System
RSB 1 / 51 / 851 / 951



DC Servo System



Nachi ServoCombi
RSB 1 / 51 / 851 / 951



Features

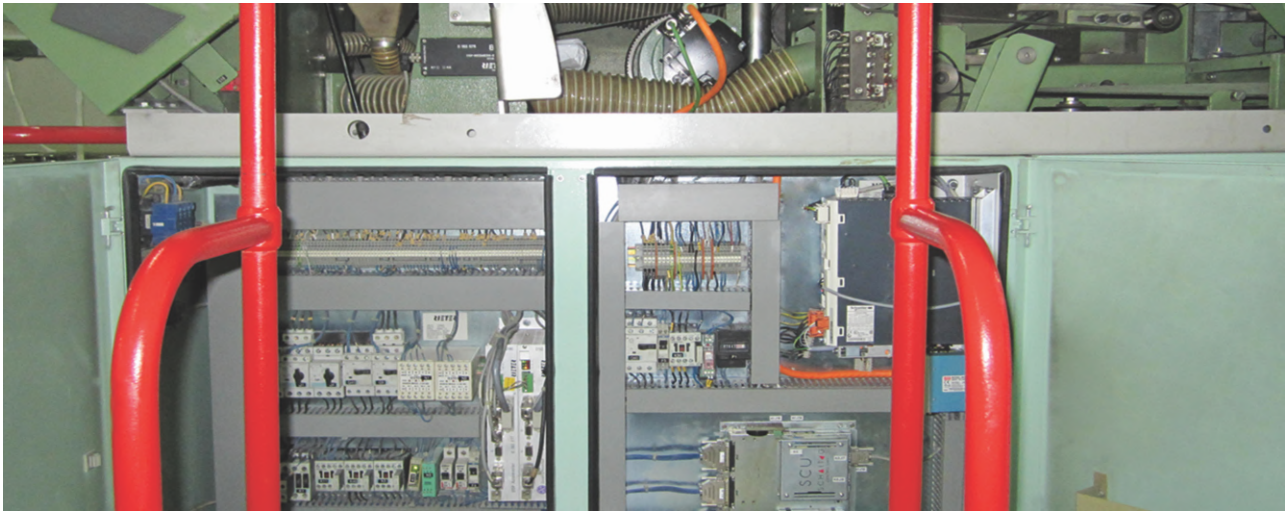
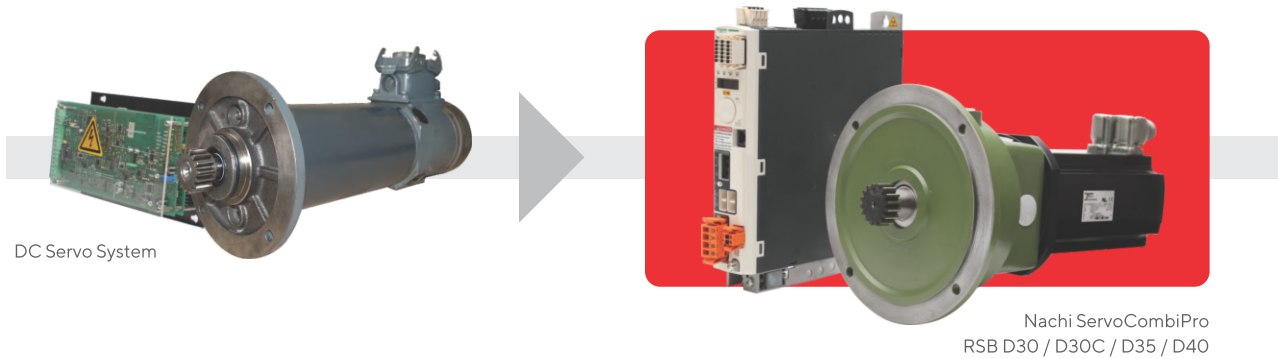
- Digital System ✓
- No Carbon Brushes ✓
- Non-Contact brake system ✓
- Auto tuning ✓
- High resolution absolute encoder ✓

Advantages

- Maintenance free ✓
- Calibration free ✓
- Consistency in Quality ✓

NACHI ServoCombiPro

Retrofit system to replace DC & AC Drive with AC Servo System
RSB D30 | D35 | D40 | D45 | D221



DC DRIVE SYSTEM G90 and M90

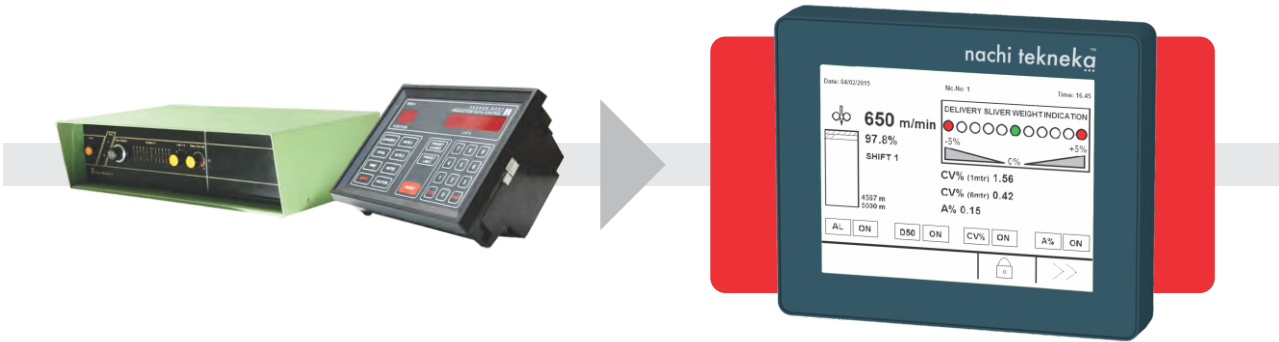
- ✓ Analog system
- ✓ Maintenance required due to carbon brushes
- ✓ Maintenance required due to contacting brake system
- ✓ Requires periodical up-gradation & calibration due to analog system
- ✓ 'Tacho' and 'Offset' setting will vary due to manual adjustment
- ✓ Feed-back device is Tacho generator (0.01V / revolution)
- ✓ Power 1.5Kw

AC DRIVE SYSTEM Nachi ServoCombi & Pro

- ✓ Digital system
- ✓ No carbon brushes
- ✓ In-built non-contact brake system
- ✓ No need of periodical up-gradation and calibration
- ✓ 'Tacho' and 'Offset' setting will not vary due to programming
- ✓ Feed-back device is Encoder (1000256 pulses / revolution)
- ✓ Power 1kW (Energy saving).

NACHI SliverGuard

Retrofit system to replace analog sliver monitor and counter with Digital touch display.
RSB 1 / 51 / 851 / 951



Features

- ✓ Digital System
- ✓ Enhanced quality monitoring A% CV%
- ✓ Defect free sliver delivered
- ✓ Centralized quality data
- ✓ Centralized production data
- ✓ Auto email and SMS facility
- ✓ Auto leveling Calibration



LIVE SCREEN
Sliver Data
Production Data



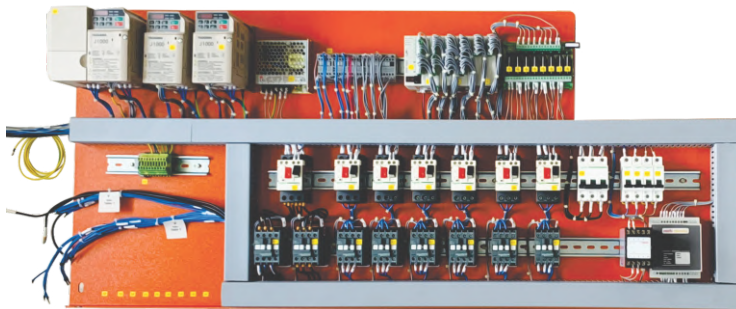
Powered by



Wonderware
InTouch SCADA
Access Anywhere

Nachi Card System

DK 715 | DK740 | DK760 | DK 780 | DK800 | DK803 | DK903



Advantages

- ✓ Hank Variation% between -0.04 to $+0.04$
- ✓ Expected 5m CV less than 2.5%
- ✓ Expected U% between 3% to 5%
- ✓ Electrical Maintenance cost can be reduced by 20%

Features

- ✓ Closed Loop Feedback Control
- ✓ Feedback from Output through Autoleveling Sensor
- ✓ The Desired Quality Can be Achieved

RS232/RS485 Communication Protocol

HMI + PANEL
(HUMAN MACHINE
INTERFACE)

AUTO LEVELLING SENSOR
DISPLACEMENT: 0 TO 10MM
OUTPUT: 0 TO 10VDC

DOUBLE LAP CRUSH ROLL
LAPPING LICKERIN
SPEED LOW SLIVER
BREAKAGE

PLC
(PROGRAMMABLE
LOGIC
CONTROLLER)

DOFFER MOTOR
AC DRIVE 3 PHASE VFD
FREQUENCY CMD: 0 TO 10VDC
RATING: 2.2KW

FEEDROLL MOTOR
AC DRIVE 3 PHASE VFD
FREQUENCY CMD: 0 TO
10VDC RATING: 0.75KW

CYLINDER MOTOR
BRUSH MOTOR
FAN MOTOR WEBDOFF
PNEUMATIC PISTON

Retrofit System - Various Machines

Customer specific engineering

DEPARTMENT	MAKE	MODEL	MODIFICATION
BLOWROOM	RIETER	ALL	Contifed System Complete Electrical Conversion System
	TRUETZSCHLER	ALL	Contifed System Complete Electrical Conversion System
CARDING	RIETER	C1/2	Complete Electrical Conversion System with AUTO LEVELER and WEB DOFF
	RIETER	C1/3	Complete Electrical Conversion System with AUTO LEVELER and WEB DOFF
	RIETER	C4	Complete Electrical Conversion System with AUTO LEVELER
	RIETER	C50 C51	Complete Electrical Conversion System with AUTO LEVELER
	TRUETZSCHLER	DK 715 DK 740 DK 760	Complete Electrical Conversion System with AUTO LEVELER
	TRUETZSCHLER	DK 715 DK 740 DK 760	Only Drives and Motors Conversion System
	TRUETZSCHLER	DK 803 DK 903	Complete Electrical Conversion System with AUTO LEVELER
	TRUMAC	DK 780 DK 800	Complete Electrical Conversion System with AUTO LEVELER
	TRUMAC	DK 780 DK 800	Only Drives and Motors Conversion System
	CROSROL	MK5A MK5B MK6	Complete Electrical Conversion System with AUTO LEVELER
	HOWA	ALL	Complete Electrical Conversion System with AUTO LEVELER and WEB DOFF
ROVING	TOYOTA	FL 16	Complete Electrical Conversion System
SPINNING	RIETER	G5/1 G5/2	Complete Electrical Conversion System with VFD Drive

The upgrade systems can meet OEM upgrade systems in terms of technology, quality, and life.

Nachi Tekneka - engineers are capable to analyse the electrical, electronics, mechanical, and textile systems to achieve the best textile quality parameters.

The technical components in our upgrade systems such as Incorporated software modules, AC drives, AC Servo drives, AC Servomotors, HMI displays, PLCs, cables, etc., those are majorly originated from Germany, UK, France, and Japan.

Our upgrade systems supplied with 24 months replacement guarantee.



“
Engineered Solutions
*Excellence through
Innovation*
”

TRUSTED
500+
HAPPY CUSTOMERS

nachi tekneka™



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