Machine type	Manufacturer	Model	Retrofit detail	Control method	No. of machine	Manufacturer category	Machine type category	Remarks
Double column machine								
	Toshiba Machine	MPA-4580A	NC replace	FANUC-18MC AC servo	1	T	M	90 ATC AAC5ST New spindle ram
	Toshiba Machine	MPA-4580A	NC replace	TOSNUC-888M AC servo	1	T	M	
	Toshiba Machine	MPA-55190	NC replace & overhaul	FANUC-18MC AC servo	2	T	M	
	Toshiba Machine	MPA-50,260A	NC replace	FANUC-18MC AC servo	1	T	M	
	Toshiba Machine	MPB-35100A	NC replace	TOSNUC-888 AC servo	1	T	M	
	Toshiba Machine	MPB-3570	NC replace	TOSNUC-888 AC servo	2	T	M	
	Toshiba Machine	MPC-3060A	NC replace	TOSNUC-888 AC servo	1	T	M	
	Shin Nippon Koki	RB-1	NC replace	TOSNUC-630M AC servo	1	SN	BV	
	Shin Nippon Koki	HF-3/4/5	NC replace & overhaul	FANUC-12MA DC servo	3	SN	M	
	Shin Nippon Koki	TM-30V	NC replace	TOSNUC-600M AC servo	1	SN	M	
	Hitachi Seiki	25MD	NC replace	FANUC-15MA AC servo	1	H	M	
	Hitachi Seiki	15/18MJK	NC replace	FANUC-12MA DC servo	2	H	M	
	Homma Tekkou	4 heads	NC replace & overhaul	FANUC-15MA AC servo	1	HO	M	
	Kotobuki Industries	CPM-1511/MC2510	NC replace & overhaul	FANUC-0MC/18MC	3	KO	M	X-axis linear way MPE-BO head 60 ATC
	Kotobuki Industries	UPM-618	NC replace & overhaul	FANUC-3M AC servo	1	KO	M	
	Roshi Tekkou		NC replace & overhaul	TOSNUC-630M AC servo	1	R	M	
	Okuma Tekkou	MDB-13/16A	NC replace	TOSNUC-600M/FANUC-0MC	3	O	M	
	Okuma Tekkou	MCV-16A	NC replace	FANUC-18MB AC servo	1	O	M	
	Siegen	PF-H-150	NC replace & overhaul	TOSNUC-80M/FANUC-15M Siemens	3	G	M	X-axis hydrostatic pressure drive alteration
	Siegen Ingersoll	PM5-655	NC replace & overhaul	TOSNUC-888M AC servo	1	G	M	MPA head equipped 60 ATC
	Waldrich Siegen	HF-450	NC replace & overhaul	TOSNUC-80M AC servo	1	G	M	X-/W-axes tandem control
	Kelman	MCVS-64	NC replace & overhaul	FANUC-18TMA AC servo	1	G	M	MPC-B head 3 new ATT X-axis linear way
	Coburg	17-10FP-280	NC replace	FANUC-16MC AC servo	2	G	M	AC spindle motor
	Butler	KLD-60	NC replace	FANUC-6M AC servo	1	G	M	
Gantry milling machine	Toshiba Machine	MGR-1450	NC replace	TOSNUC-888M AC servo	2	T	MG	
	Mitsubishi Heavy Industries	5×10×2-3.2C	MPA head	FANUC-15M	1	M	M	
Profiler	Toshiba Machine	V2-2600B	NC replace	FANUC-18MC	1	T	Z	
Diesinking machine	Toshiba Machine	MPD-3045（5A）	NC replace MPC 5-axes head compliant	FANUC-15MB/15iMA	2	T	MD	
	Ikegai Corp	PMANC-3250	NC replace	FANUC-18MC AC servo	2	I	MD	LCD10.4"collar 24 ATC
	Ikegai Corp	PMANC-3250	NC replace & MPH head equipped	TOSNUC-80M AC servo	1	I	MD	
	Kotobuki Industries	TPU-DC2521	NC replace	FANUC-18MC AC servo	1	KO	M	
Copying diesinking machine	Mitsubishi Heavy Industries	MQF-140TC	NC replace & overhaul	FANUC-12MTC DC servo	1	M	MD	
	Shin Nippon Koki	PK-120	NC replace	FANUC-330D AC servo	2	SN	MD	
	Shin Nippon Koki	FS-80VA	NC replace & overhaul	FANUC-15M AC servo	2	SN	MP	
	Droop rein	PK-160	NC replace & overhaul	FANUC-15MA AC servo	2	G	MP	