

Machine type	Manufacturer	Model	Retrofit detail	Control method	No. of machines	Manufacturer category	Machine type category	Remarks
Dedicated machine								
Carbide gear cutter	Kyushu Toshiba Machine	HSC-200/240	NC replace	FANUC-18MC	2	T	Z	
Gear shaper	Fellows	Aug-50	NC replace	TCD	2	G	H	TCD automatic cutting
				AC servo				
Tube plate driller	Toshiba Machine	DF-3030A	NC replace	TOSNUC-630L	1	T	Z	
				AC servo				
Casing Machine	Toshiba Machine	SBC-5055	NC replace	TOSNUC-80L	1	T	Z	
				AC servo				
Bar boring machine	Toshiba Machine		NC replace	TOSNUC-80L	1	Z	Z	New bar
				AC servo				2 new NC face plates
Dividing plate	Toshiba Machine		NC replace	FANUC-18MB	1	Z	ZD	
				AC servo				
NC dividing head	Toshiba Machine		New NC dividing head	FANUC-Mate-P	1	Z	ZD	
				AC servo				
Deep driller	Kyushu Toshiba Machine	BTA-42	NC replace & overhaul	TOSNUC-80L	1	Z	Z	AC inverter
				AC servo				
Dedicated driller	Shin Nippon Koki	GMD-30	NC replace	FANUC-15MA	1	SN	Z	
				AC servo				
Beveling machine	Kuraki		NC replace	FANUC-21TB	1	KU	BT	
				AC servo				
Wing surface machining equipment	Rigid	ST-113	NC replace	FANUC-11MA	5	G	MD	
				DC servo				
Pin lace	OM	LPL-1	NC replace	FANUC-20T	1	OM	LZ	
				AC servo				
Rotor shaft Machine	Kelman		NC replace	FANUC-18MB	1	G	ZD	For rotor shaft machining
				AC servo				
Propeller machining equipment	Toshiba Machine	MBP-95/102	NC replace	FANUC-15iM	2	T	Z	