

SWEENEY DIGITAL TURNING TOOL

SPEC SHEET



- Provides controlled and accurate positioning of turbines for engine inspection
- Blade tracking and flagging for quick review of any damaged blades
- Allows for a single operator to control engine rotation and perform the borescope inspection
- Lightweight & compact design featuring a wireless pendant for greater portability

WEIGHT (All Models)	
Total System Weight	27 lbs. [12.2 kg.]
Controller	4.75 lbs. [2.15 kg.]
Drive Motor	7 lbs. [3.17 kg.]
Pendant	1 lb. [0.45 kg.]

ELECTRICAL SPECIFICATIONS			
	SWE189DTTA	SWE189DTTB	SWE189DTTC
Voltage	230 VAC	120 VAC	100-240 VAC (universal input)
Hertz	50 Hz	60 Hz	50/60 Hz
Watts	200	200	200
Auxiliary Outlet	Yes	Yes	No

OPERATING PARAMETERS (All Models)	
Speed	Continuously Variable 20°/min. - 360°/min.
Direction	Bidirectional Adjustable backlash compensation
Torque	30 ft. lb. - 150 ft. lb. User selectable
Acceleration /Deceleration	0.2 sec. - 5 sec. Incrementally adjustable
Dwell Timer	0 - 60 sec. Can be held indefinitely by user
Blade Counter	Displays current blade number
Blade Flagging	Max. 999 flags per stage Can be flagged for re-inspection
Pendant	Displays engine, stage and blade information 9 button interface with wireless capability
Pendant Battery	2 qt. Liion Wholesale, Model No. LGMJ1PCB

ENGINE LIBRARY

ENGINE NAME	LOCATION	ADAPTER	SHAFT	EXTRA EQUIPMENT
ALLISON				
AE2100	Accessory Gearbox	18987-40		18987-45
AE2100	Prop Gearbox	18987-10		18987-45
AE3007	Permanent Magnet Alternator	18988-40	948598	
BMW ROLLS-ROYCE				
BR710	Breather Shaft Pad	18981-40	18981-10	
BR715	Breather Shaft Pad	18981-40	18981-10	
CFMI				
CFM56-2	Manual Drive Pad	18926-50	18926-41	18923-40 948601
CFM56-3	Manual Drive Pad	18935-40		18933-40, 948514
CFM56-5	Starter Drive Pad	18947-40	18947-10	
CFM56-5	Manual Drive Pad	18941-40		
CFM56-5B(H)	Hydraulic Pad			
CFM56-5B(S)	Starter Drive Pad	18947-40	18947-10	
CFM56-5B(M)	Manual Drive Pad			
CFM56-5B(A)	Manual Drive Pad (AFT)			
CFM56-5C(H)	Hydraulic Pad			
CFM56-5C(S)	Starter Drive Pad	18947-40	18947-10	
CFM56-5C(M)	Manual Drive Pad			
CFM56-5C(A)	Manual Drive Pad (AFT)			
CFM56-7B(H)	Hydraulic Pad			
CFM56-7B(G)	Manual Drive Pad	18972-50A		
CFM56-7B(A)	Manual Drive Pad (AFT)			
CFM56-7BE(H)	Hydraulic Pad			
CFM56-7BE(G)	Accessory Gearbox	18972-50A		
CFM56-7BE(A)	Manual Drive Pad (AFT)			
LEAP-1A*	Manual Drive Pad	18995-50		
LEAP-1B*	Manual Drive Pad	18995-40		
LEAP-1C*	Manual Drive Pad	18995-50		
GENERAL ELECTRIC				
CF34-3A	Starter Drive Pad	18963-40	18963-10	
CF34-3B	Starter Drive Pad	18963-40	18963-10	
CF34-8C(B)	Manual Drive Pad			
CF34-8C(G)	Starter Drive Pad			
CF34-10A	Starter Drive Pad	18963-40	18963-10	
CF34-10E	Starter Drive Pad	18963-40	18963-10	
CF6-50	Manual Drive Pad	18910-40	18910-10	
CF6-6	Manual Drive Pad	18910-40	18910-10	
CF6-80A	Manual Drive Pad	18910-40	18910-10	
CF6-80A(S)	Starter Drive Pad	18929-40	18929-10	
CF6-80C2(S)	Starter Drive Pad	18929-40	18929-10	
CF6-80C2(M)	Manual Drive Pad	18946-50	18946-10	18946-10
CF6-80C2(A)	Manual Drive Pad	18986-40	18946-10	18946-10
CF6-80E1(M)	Manual Drive Pad	18951-40	18946-10	18946-10
LM1600	Manual Drive Pad	18937-40	18937-15	
LM2500(M)	Manual Drive Pad	18937-40	18937-10	
LM2500(AGH)	Accessory Gear Housing	18937-40	18918-10	
LM2500(F)	Fuel Pump Pad	18917-600	18917-650	18937-40 18918-10 marine
LM2500+(M)	Manual Drive Pad	18937-40	18937-10	
LM2500+(AGH)	Accessory Gear Housing	18937-40	18918-10	
LM2500+(F)	Fuel Pump Pad	18917-600	18917-650	
LM5000(M)	Manual Drive Pad	18937-40	18937-10	
LM5000(AGH)	Accessory Gear Housing	18937-40	18918-10	
LM5000(F)	Fuel Pump Pad	18917-600	18917-650	
LM6000(AGH)	Accessory Gear Housing	18937-40	18937-10	

* Signifies these models can only be sold to Licensees

ENGINE NAME	LOCATION	ADAPTER	SHAFT	EXTRA EQUIPMENT
LM6000(F)	Fuel Pump Pad	18917-600	18917-650	
TF39	Transfer Gearbox	18985-40	18985-10	
GE90	Manual Drive Pad	18946-40	18946-10	18946-10
GE90-115K	Manual Drive Pad	18946-40	18946-10	18946-10
GE9x*	Manual Drive Pad	18946-60A		18946-40
Genx	Manual Drive Pad	18991-40	18946-10	18946-10
IAE				
V2500-A1	Manual Drive Pad	18938-40		
V2500-A5	Manual Drive Pad	18938-40		
V2500-D5	Manual Drive Pad	18949-40		
V2500-D5(S)	Starter Drive Pad			
PRATT & WHITNEY				
JT8D-200(H)	Hydraulic Pump Pad	18904-40	18904-10	
JT8D(H)	Hydraulic Pump Pad	18904-40	18904-10	
JT8D(S)	Starter Drive Pad	18904-40	18904-10	
JT8D-200(S)	Starter Drive Pad	18904-40	18904-10	
FT8(S)	Starter Drive Pad			
FT8(T)	Tach Pad	18994-40		
JT9D-7A(S)	Allied Signal Starter Pad	18983-40	18983-15	
JT9D-7F(S)	Hamilton Standard Starter Pad	18983-50	18983-15	
JT9D-7J(S)	Allied Signal Starter Pad	18983-40	18983-15	
JT9D-7Q(S)	Hamilton Standard Starter Pad	18983-50	18983-15	
JT9D7R4D1(G)	Generator Drive Pad	18903-40	948505	949024
JT9D7R4D(H)	Hydraulic Pump Pad	18903-40	948590	
JT9D7R4G2(S)	Hamilton Standard Starter Pad	18983-50	18983-15	
F100-100	Power Take Off Coupling	18970-400		18970-50
F100-200	Power Take Off Coupling	18970-400		18970-50
F100-220	Power Take Off Coupling	18970-400		18970-50
F100-220E	Power Take Off Coupling	18970-400		18970-50
F100-PW-229	Power Take Off Coupling	18970-400		18970-50
F108	Manual Drive Pad	18923-40	948601	
F117	Hydraulic Pump Pad	18945-40		18945-15
F135-PW	Manual Drive Pad	18992-40		
TF30(H)	Hydraulic Pump Pad	18909-40	18909-10	
F402RR408A	Manual Drive Pad	18977-40		
PW1100G-JM	Manual Drive Pad	18993-4011A		
PW1200G	Manual Drive Pad	18993-4012		
PW1400G-JM	Manual Drive Pad			
PW1500G	Manual Drive Pad	18993-4015		
PW1700G	Manual Drive Pad	18993-4012	*Use PW1200G program	
PW1900G	Manual Drive Pad	18993-4015	*Use PW1500G program	
PW2000	Manual Drive Pad	18965-40		
PW2000(S)	Hamilton Standard Starter Pad	18984-40	18984-10	
PW4000	Manual Drive Pad	18934-40		
PW4000(S)	Hamilton Standard Starter Pad	18983-50	18983-15	Allied Sig. 18913-50
PW4084				
PW4084(S)	Hamilton Standard Starter Pad	18983-50	18983-15	
ROLLS-ROYCE				
RB211-22B	Manual Drive Pad	18950-40	18967-10	
RB211-524	Manual Drive Pad	18950-40	18967-10	
RB211-524MD	Manual Drive Pad	18950-40	18967-10	
RB211-535C	Manual Drive Pad	18950-40	18966-10	
RB211-535E	Manual Drive Pad	18950-40	18966-10	
RB211-TR700	Breather Shaft Pad	18950-40	18950-10	
RB211-TR800	Breather Shaft Pad	18950-40	18950-10	

Note:
(H) = Hydraulic Pad (S) = Starter Pad (PGB) = Prop Gearbox (AGH) = Accessory Gear Housing
(F) = Fuel Pump Pad (AGB) = Accessory Gearbox (T) = Tachometer Pad (A) = Aft (Direct Drive of LPT)
(G) = Gearbox (M) = Manual Drive Pad (PMA) = Permanent Magnet Alternator Pad