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# PLASMA CUTTING

Replacement Parts

Accessories Suitable For

**Thermal Dynamics Corp.®**

Torch Model

Power Supply Model

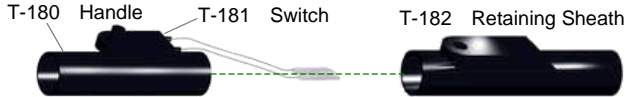
**PCH/M-53**

**PAKMASTER 100®**

**MACHINE TORCH**



**HAND TORCH**



T-1674 Hand Torch Leads, 25'  
T-1675 Hand Torch Leads, 50'

T-1676 Machine Torch Leads, 25'  
T-1677 Machine Torch Leads, 50'

Suitable For

**Thermal Dynamics Corp.®**

Torch Model

Power Supply Model

**PCH-55, RTH-40S**

**Optimum Cutting Speeds  
Air Plasma on Mild Steel  
1/8 inch Standoff**

Thickness (Inches)	Cutting Speed (IPM)
0.500	~100
0.375	~150
0.250	~200
0.125	~250

**Gas Requirements:**  
Compressed Air – 300 scfh (113 lpm) at 50 psi (3.4 BAR)

Suitable For

**Thermal Dynamics Corp.®**

Torch Model

Power Supply Model

**PCH/M-60 (ref.)**

**(also see PCH/M-75)**

Suitable For

**Thermal Dynamics Corp.®**

Torch Model

Power Supply Model

**PCH/M-62**

**PAKMASTER 50XL PLUS AND  
CUT MASTER 50**

Stoody Industrial & Welding Supply, Inc. (SIWS) is not associated with STOODY Company or any of the above manufacturers. SIWS reserves the right to substitute OEM products in place of parts shown.

Accessories Suitable For

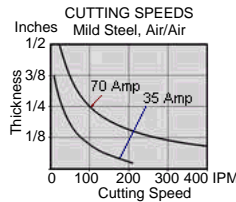
**Thermal Dynamics Corp.®**

Torch Model

Power Supply Model

**PCH/M-70**

**STAR-PAK®**



**GAS REQUIREMENTS**

**Plasma Gases** Compressed air, oxygen, nitrogen or argon/hydrogen  
**Secondary Gases** Compressed air, nitrogen or carbon dioxide  
**Pressure:** 50 psi (3.4 bar) Plasma  
 60 psi (4.1 bar) Secondary  
**Flow:** 15 - 65 scfh (7.1 - 30.7 lpm) Plasma (Hot Flow)  
 515 scfh (243 lpm) Secondary



Accessories Suitable For

**Thermal Dynamics Corp.®**

Torch Model

Power Supply Model

**PCH/M-70**

**STAR-PAK®**

**Machine Torch**

**Hand Torch**

With Quick Disconnect

- T-1646 Hand Leads w/QD, 12.5'
- T-1647 Hand Leads w/QD, 25'
- T-1648 Hand Leads w/QD, 50'
- T-1649 Machine Leads w/QD, 12.5'
- T-1650 Machine Leads w/QD, 25'
- T-1651 Machine Leads w/QD, 50'

**Item Not Shown**

- T-1652 PIP Wire Assy