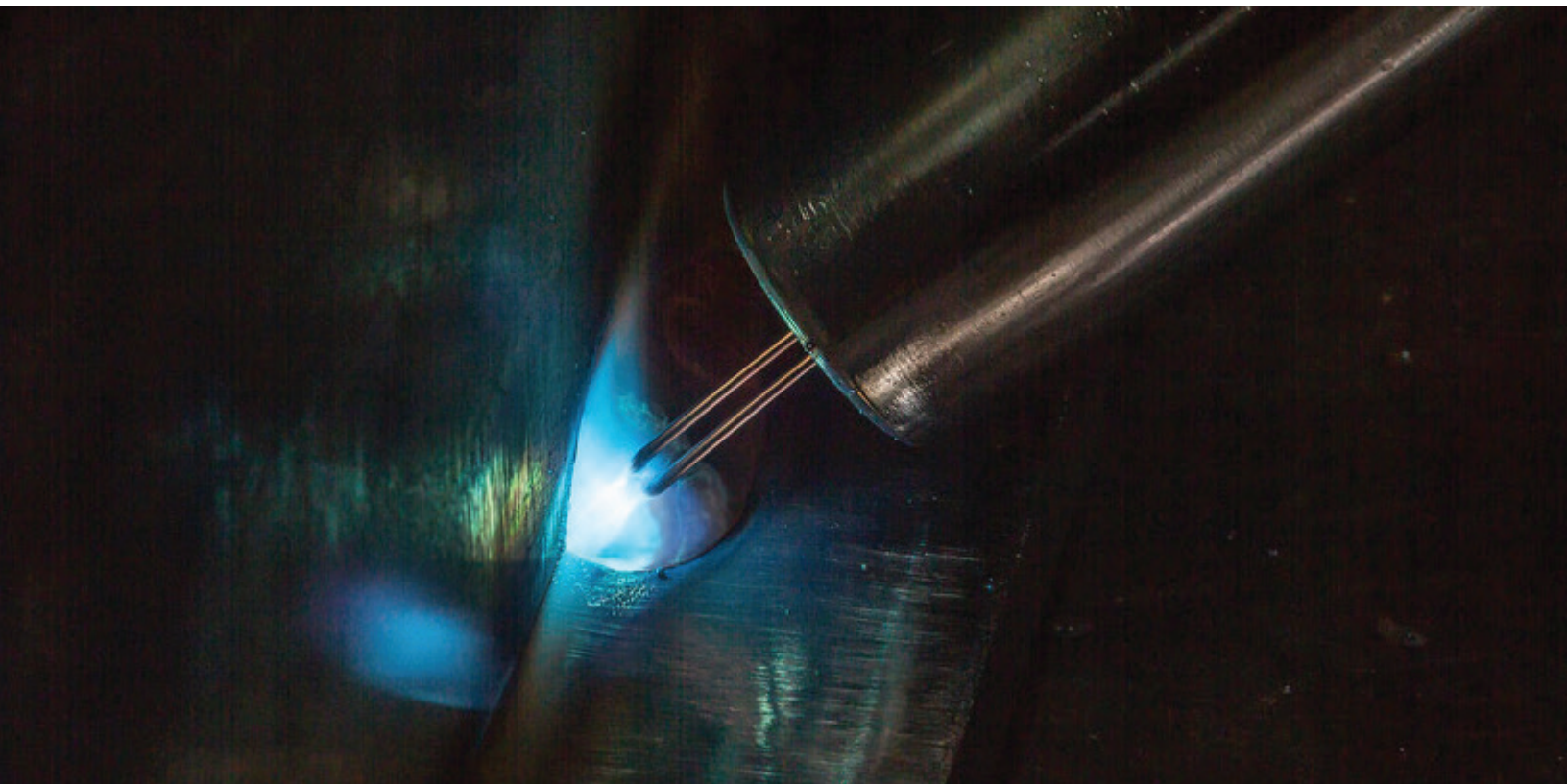


HYPERFILL™

熔填量更高 困難度更低



HyperFill™ 雙絲MIG解決方案是為了革新重型製造的生產力所研發，適用於半自動與機械手臂應用。HyperFill重新定義了高熔填焊接 – 能夠更快速且輕鬆完成更大尺寸焊接。由於其創新的雙絲設計，在不犧牲焊接品質或焊工的操作舒適度下，讓熔填率達到超過18 lbs/hr (使用機械手臂可達24+ lbs/hr)。

- » 生產力最大化 – 提高單焊線應用的熔填量
- » 改善焊接品質 – 穩定的電弧可輕鬆控制大焊接熔池
- » 系統複雜度低 – 僅需一台焊接電源、一台送線機及一個火嘴

焊接工藝»

即將獲得專利的
雙絲GMAW焊接

應用»

重型製造
高熔填焊接

HyperFill Ready-Pak® 包裝

HyperFill Ready-Pak® 包裝含一切HyperFill程序所需的零配件，組裝完成並以一個棧板出貨。焊線、保護氣體與水冷液需另外訂購。

HyperFill - 單送線Ready-Pak，含：

- Power Wave® S500 (K2904-1)
- Power Feed® 84 送線機 (K3328-3)
- Cool Arc® 55 水冷箱 (K3086-1)⁽¹⁾
- Magnum® PRO 水冷 500A 焊槍 (K4522-2-10-45)
- 7 ft. 水管組 (K4544-7)
- HyperFill 雙焊線架 (K4630-1)
- 4球軸承襯套 (K1551-2)
- HyperFill .035-.040 (0.9-1.0 mm) 驅動齒輪組(KP4388-1)
- HyperFill 基座 (KP4481-1)
- HyperFill .035 火嘴 (KP4482-035)
- 1/8 in. 護套 (KP4523-1-75R)
- 15 ft., 5/64 in. 內導管 (KP44-564-15)
- 工件回溯線 (K2149-1)
- 電極電纜 (K1842-10)
- ArcLink® 電纜 (K1543-8)

主機與送線機台車 (K3059-4)

完整的Ready-Pak訂購編號 K4650-2

HyperFill - 雙送線Ready-Pak，含：

- Power Wave® S500 (K2904-1)
- Power Feed® 84 雙焊線送線機 (K3330-3)
- Cool Arc® 55 水冷箱 (K3086-1)⁽¹⁾
- Magnum® PRO 水冷 500A 焊槍 (K4522-2-10-45)
- 7 ft. 水管組 (K4544-7)
- HyperFill 雙焊線架 (K4630-1)
- 4球軸承襯套 (K1551-2)
- HyperFill .035-.040 (0.9-1.0 mm) 驅動齒輪組 (KP4388-1)
- HyperFill 基座 (KP4481-1)
- HyperFill .035 火嘴 (KP4482-035)
- 1/8 in. 護套 (KP4523-1-75R)
- 15 ft., 5/64 in. 內導管 (KP44-564-15)
- 標準型焊線架 (K3342-1)
- Magnum® PRO Curve™ 300A 焊槍 (K2951-2-10-45)
- 標準 .040-045 (1.0-1.1 mm) 驅動齒輪 (KP1505-045S)
- 工件回溯線 (K2149-1)
- 電極電纜(K1842-10)
- ArcLink® 電纜 (K1543-8)

主機與送線機台車(K3059-4)

完整的Ready-Pak訂購編號 K4650-1



Shown: K4650-1

(1) 水冷液與氣錶需另購

One-Pak® 零件組

HyperFill One-Pak®零件組包含所有HyperFill程序所需的焊槍及送線驅動零件。焊接電源、送線機、水冷箱、焊線及保護氣體需另購。

| 配件 | 數量 | 產品編號 | 半自動 | | | 機械手臂 ⁽²⁾ | | |
|---|----|---------------|-----------------------------|-----------------------------|--|-----------------------------|-----------------------------|--|
| | | | HyperFill .035 K4586-035 | HyperFill .040 K4586-040 | HyperFill .045 K4586-045 ⁽³⁾ | HyperFill .035 K4587-035 | HyperFill .040 K4587-040 | HyperFill .045 K4587-045 ⁽³⁾ |
| Magnum® PRO 500 A 水冷槍，含Tweco™ 接頭 | 1 | K4522-2-10-45 | • | • | • | | | |
| HyperFill 基座 | 2 | KP4481-1 | • | • | • | • | • | • |
| HyperFill 火嘴 - 0.035 | 10 | KP4482-035 | • | | | • | | |
| HyperFill 火嘴 - 0.040 | 10 | KP4482-040 | | • | | | • | |
| HyperFill 火嘴 - 0.045 ⁽³⁾ | 10 | KP4482-045 | | | • | | | • |
| HyperFill 驅動齒輪 (.035 - .040 / 0.9 -1.0 mm) | 1 | KP4388-1 | • | • | | • | • | |
| HyperFill 驅動齒輪 (.045 / 1.2 mm) | 1 | KP4388-2 | | | • | | | • |
| Magnum PRO 焊槍內導管 - 5/64 | 1 | KP44-564-15 | • | • | • | • | • | • |
| HyperFill 進料襯套 | 1 | K4389-1 | • | • | • | • | • | • |
| 焊槍護套 (半自動) | 2 | KP4523-1-75R | • | • | • | | | |
| 焊槍護套 (機械手臂) | 2 | KP4120-1-75R | | | | • | • | • |

(2) 除了Hyperfill Robotic One-Pak外，另需訂購K3593-XXX Magnum PRO 機械手臂水冷槍 One-Pak®。參考 E12.07型錄為您的應用選擇正確的焊槍One-Pak包裝。

(3) Power Wave s700 所需的HyperFill線徑為 .045

HYPERFILL – 單獨零件

焊槍零件

| 產品編號 | 描述 |
|---------------------------|--------------------------------------|
| K4522-2-10-45 | Magnum PRO 500 A 水冷槍，含Tweco接頭 |
| K4522-2-FM-45 | Magnum PRO 500 A 水冷槍，含Fast-Mate接頭 |
| KP44-564-15 | Magnum PRO 焊槍內導管- 5/64 |
| KP4481-1 | HyperFill 基座 |
| KP4482-035 | HyperFill 火嘴 - 0.035 (0.9 mm) |
| KP4482-040 | HyperFill 火嘴 - 0.040 (1.0 mm) |
| KP4482-045 ⁽³⁾ | HyperFill 火嘴 - 0.045 (1.2 mm) |

送線機零件

| 產品編號 | 描述 |
|-------------------------|---|
| KP4388-1 | HyperFill 驅動齒輪 (.035 - .040 / 0.9 -1.0 mm) |
| KP4388-2 ⁽³⁾ | HyperFill 驅動齒輪 (.045 / 1.2 mm) |
| K4389-1 | HyperFill 進料襯套 |
| K4544-7 | M-F 水管組 (7 ft) |
| K4544-25 | M-F 水管組 (25 ft) |

(3) Power Wave s700 所需的HyperFill 線徑為 .045

半自動

| 產品編號 | 描述 |
|------------------------|------------------------|
| K2904-1 | Power Wave® S500 多功能焊機 |
| K3279-1 | Power Wave S700 多功能焊機 |
| K3328-3 | Power Feed® 84 多功能送線機 |
| K3086-1 ^(f) | Cool Arc® 55 水冷箱 |

(f) 冷卻液與氣錶需另購

機械手臂

| 產品編號 | 描述 |
|------------------------|--------------------------|
| K3451-1 | Power Wave R450 多功能焊機 |
| K3279-1 | Power Wave S700 多功能焊機 |
| K3561-1 | AutoDrive® 4R220 機械手臂送線機 |
| K3086-1 ^(f) | Cool Arc 55 水冷箱 |

建議配件

一般選配



HyperFill 焊線架轉換套件
(用於K3059-4台車)。僅含焊線架與安裝座 – 焊機、送線機、台車、焊槍及HyperFill零件需另購
訂購編號 **K4630-1**



HyperFill 送線機頂部安裝套件
僅含架子與安裝座 – 焊機、送線機、台車、焊槍及HyperFill零件需另購
訂購編號 **K4630-2**



HyperFill 推車底盤安裝座
(用於K163推車)。僅含架子 – 焊機、送線機、台車、焊槍及HyperFill零件需另購
訂購編號 **K4630-3**



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