

C- KITS & COBOT CONNECTIVITY



The WINGMAN™ Developer kit
WM1-DK-05-00-XXX

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KITS AND COBOT CONNECTIVITY

Kits



Look up the part number suffix **XXX** for your robot brand and model in **"Table 2" on page C-3**

Kit part no.:	Kit description:	Illustration 2
WM1-DK-05-00-XXX	DEVELOPER kit , with built-in air + M8 electrical + High Flow air pass-through + Accessories	
WM1-K-05-00-XXX	AUTOMATIC kit , with built-in air + M8 electrical + High Flow air pass-through	
WM1-K-04-00-XXX	AUTOMATIC kit , with built-in air + M8 electrical pass-through	
WM1-K-03-00-XXX	AUTOMATIC kit with built-in air pass-through	
WM1-K-02-00-XXX	MANUAL kit two way , with built-in air pass-through	
WM1-K-01-00-XXX	MANUAL kit one way , with built-in air pass-through	

KIT CONTENT AND QUANTITIES

<p>WM1-P-01-01-XXX Robot Part</p>	1	1	1	1	1	1
<p>WM1-P-02-01-XXX Tool Part</p>	1	2	2	2	2	2
<p>WM1-P-03-01 Tool Part Holder (necessary to achieve auto tool change)</p>			2	2	2	2
<p>WM1-A-01-01-01 Electrical Pass-Through for Robot Part</p>				1	1	1
<p>WM1-A-01-02-01 or WM1-A-01-02-02a (see native to cobot in "Table 3" on page C-5) M8 Electrical Pass-Through for Tool Part</p>				2	2	2
<p>WM1-A-02-01-... Cable to connect at cobot tool flange (TF) connector if available</p>						1
<p>WM1-A-03-01 High Flow air pass-through for Robot Part</p>					1	1
<p>WM1-A-03-02 High Flow air pass-through for Tool Part</p>					2	2
<p>WM1-A-06-01 Fittings set (2 pcs.) I-shaped for built-in air pass-through</p>						3
<p>SM1-P-10-01-01 and SM1-P-20-01-01 SPACEMAN™ Spacers in 10mm and in 20mm</p>						1+1
<p>WM1-A-05-01 Case for Developer kit</p>						1

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Kits



See KIT content **"Illustration 2"** on page C-2

Table 2 - Cobot specific part number suffix XXX

(Reservations are made for incorrect/obsolete data)

Table 2

Cobot Brand	Cobot Model (OBS! The WINGMAN Tool Changer system might not support the full dynamic payload capacity of the cobot. Please refer to the WINGMAN Tool Changer Datasheets for payload calculations)	TC parts		Manual kits		Automatic kits				Electrical cable must be ordered separately for kit type K-04 and K-05 : TF = Connect at Tool Flange CC = Connect at Cabinet See cables page E-12
		WM1-P-01-01-XXX	WM1-P-02-01-XXX	WM1-K-01-00-XXX	WM1-K-02-00-XXX	WM1-K-03-00-XXX	Cables not included		WM1-DK-05-00-XXX	
							WM1-K-04-00-XXX	WM1-K-05-00-XXX		
ABB	GoFa CRB 15000	AB1	AB1	AB1	AB1	AB1	AB1 (1)	AB1 (1)	AB1	TF: (Not yet available) CC: WM1-A-02-02-02
AUBO	i3, i5, i7	AU1	AU1	AU1	AU1	AU1	AU1	AU1	AU1	TF: WM1-A-02-01-04 CC: WM1-A-02-02-02
AUBO	i10, i12, i16	AU1	AU1	AU1	AU1	AU1	AU1	AU1	AU1	TF: (Not yet available) CC: WM1-A-02-02-02
AUBO	i20	AU1 (3)	AU1	AU1 (3)	AU1 (3)	AU1 (3)	AU1 (2)(3)	AU1 (2)(3)	AU1 (3)	TF: (Not yet available) CC: WM1-A-02-02-02
Denso	COBOTTA PRO1300	DE1	DE1	DE1	DE1	DE1	DE1 (1)	DE1 (1)	DE1	TF: WM1-A-02-01-11 CC: WM1-A-02-02-02
Doosan Robotics	H2017, H2515, M0609, M0617, M1013, M1509, A0509, A0509s, A0912, A0912s	DR1	DR1	DR1	DR1	DR1	DR1	DR1	DR1	TF: WM1-A-02-01-03a CC: WM1-A-02-02-02
Fanuc	CRX: 5iA	FA1	FA1	FA1	FA1	FA1	FA1	FA1	FA1	TF: WM1-A-02-01-01 CC: WM1-A-02-02-02
Fanuc	CRX: 10iA, 10iA/L, 20iA/L	FA1	FA1	FA1	FA1	FA1	FA1	FA1	FA1	TF: WM1-A-02-01-07 CC: WM1-A-02-02-02
Fanuc	CRX: 25iA	FA2	FA2	FA2	FA2	FA2	FA2 (2)	FA2 (2)	FA2	TF: WM1-A-02-01-07 CC: WM1-A-02-02-02
Hans Robot	Elfin3, Elfin5, Elfin10	HR1	HR1	HR1	HR1	HR1	HR1	HR1	HR1	TF: (Not yet available) CC: WM1-A-02-02-02
Kassow	KR810, KR1018, KR1205, KR1410, KR1805	KA1	KA1	KA1	KA1	KA1	KA1	KA1	KA1	TF: WM1-A-02-01-05 CC: WM1-A-02-02-02
Kuka	LBR iiwa	KU1	KU1	KU1	KU1	KU1	KU1	KU1	KU1	TF: (Configurable) CC: WM1-A-02-02-02
Kuka	LBR iisy (With special KUKA designed TF connector)	KU2	KU2	KU2	KU2	KU2	KU2 (2)	KU2 (2)	KU2	TF: (Not available) CC: WM1-A-02-02-02
Omron	TM5-700, TM5-900, TM12, TM14, TM16, TM20, TM5S, TM7S, TM12S, TM14S, TM25S	OM1	OM1	OM1	OM1	OM1	OM1	OM1	OM1	TF: WM1-A-02-01-02a CC: WM1-A-02-02-02
Techman	TM5-700, TM5-900, TM12, TM14, TM16, TM20, TM5S, TM7S, TM12S, TM14S, TM25S	TM1	TM1	TM1	TM1	TM1	TM1	TM1	TM1	TF: WM1-A-02-01-02a CC: WM1-A-02-02-02
Universal Robots	UR3cb, UR3e, UR5cb, UR5e (Before September 2024 = male TF connector)	UR1	UR1	UR1	UR1	UR1	UR1	UR1	UR1	TF: WM1-A-02-01-01 CC: WM1-A-02-02-02
	UR10cb, UR10e, UR16e (Before September 2024 = male TF connector)	UR1	UR1	UR1	UR1	UR1	UR1	UR1	UR1	TF: WM1-A-02-01-07 CC: WM1-A-02-02-02
	UR3e, UR5e (After September 2024 = female TF connector)	UR2	UR2	UR2	UR2	UR2	UR2	UR2	UR2	TF: WM1-A-02-01-12 CC: WM1-A-02-02-02
	UR10e, UR16e (After September 2024 = female TF connector)	UR2	UR2	UR2	UR2	UR2	UR2	UR2	UR2	TF: WM1-A-02-01-10 CC: WM1-A-02-02-02
	UR20, UR30	UR2 (3)	UR2 (3)	UR2 (3)	UR2 (3)	UR2 (3)	UR2 (2)(3)	UR2 (2)(3)	UR2 (3)	TF: WM1-A-02-01-10 CC: WM1-A-02-02-02

- (1) 1 pcs. SM1-P-10-01-01 must be ordered separately (adds 10mm distance and rotates the TF by 22,5 degrees).
- (2) 1 pcs. SM1-P-10-01-01 + 1 pcs. SM1-P-20-01-01 must be ordered separately (adds 30mm distance and rotates the TF by 45 degrees).
- (3) Adaptor flange must be installed to convert the cobot's Tool Flange (not provided by TripleA robotics).

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