

# Dyadic Mechatronics Cylinder Price List

(Prices and specifications are subject to change without notice.)



As of March 12, 2004

Product	Line No.	Models	Name	US List	
<b>Mechatronics Cylinder</b>					
<b>10kgf type Standard</b>  <b>(Plastic housing, Plastic Thread) (IP-40)</b>	1	SCN4-010-050AS-NA	Mech Cylinder: 50mm stroke	US\$295.00	
	2	SCN4-010-100AS-NA	Mech Cylinder: 100mm stroke	US\$375.00	
	3	SCN4-010-150AS-NA	MechCylinder: 150mm stroke	US\$455.00	
<b>10kgf type -303SS Thread</b>	4	SCN4-010-050AS03-NA	Mech Cylinder: 50mm stroke	US\$305.00	
	5	SCN4-010-100AS03-NA	Mech Cylinder: 100mm stroke	US\$385.00	
<b>(Plastic housing)</b>	6	SCN4-010-150AS03-NA	MechCylinder: 150mm stroke	US\$465.00	
<b>Tip Screw</b>	7	TAS00	Nylon Tip Screw (M10 with Nut)	US\$8.00	
	8	TAS03	303SS Tip Screw (M10 x P1.25 with Nut)	US\$12.00	
<b>10kgf type -303SS Thread (Alum. housing) (IP-40)</b>	9	SCN5-010-050AS03-NA	Mech Cylinder: 50mm stroke	US\$325.00	
	10	SCN5-010-100AS03-NA	Mech Cylinder: 100mm stroke	US\$400.00	
	11	SCN5-010-150AS03-NA	MechCylinder: 150mm stroke	US\$475.00	
	12	SCN5-010-200AS03-NA	MechCylinder: 200mm stroke	US\$550.00	
	13	SCN5-010-250AS03-NA	MechCylinder: 250mm stroke	US\$625.00	
	14	SCN5-010-300AS03-NA	MechCylinder: 300mm stroke	US\$695.00	
<b>Power/IO Cable</b>	15	RP9100-030	Parallel Cable (3m, Power & IO) - SCN4 & 5	\$45.00	
	16	RP9100-050	Parallel Cable (5m, Power & IO) - SCN4 & 5	\$55.00	
	17	RP9100-100	Parallel Cable (10m, Power & IO) - SCN4 & 5	\$75.00	

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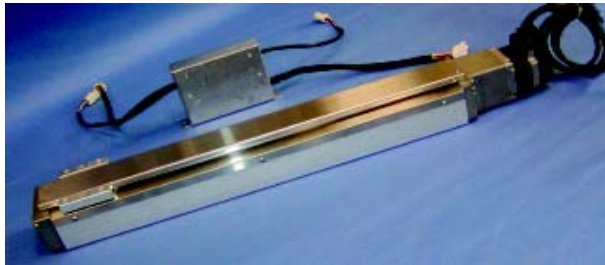


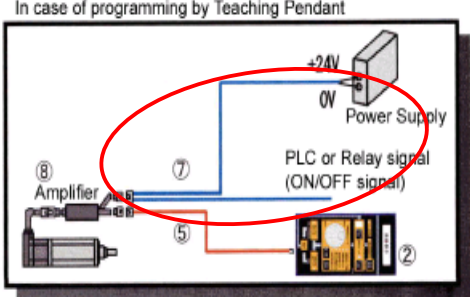
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Product	Line No.	Models	Name	US List	
20 kgf type Standard  (IP-40)	18	SCN6-020-050AB-NA	Mech Cylinder: 50mm stroke	US\$440.00	
	19	SCN6-020-100AB-NA	Mech Cylinder: 100mm stroke	US\$530.00	
	20	SCN6-020-150AB-NA	MechCylinder: 150mm stroke	US\$620.00	
	21	SCN6-020-200AB-NA	MechCylinder: 200mm stroke	US\$720.00	
	22	SCN6-020-250AB-NA	MechCylinder: 250mm stroke	US\$820.00	
	23	SCN6-020-300AB-NA	MechCylinder: 300mm stroke	US\$920.00	
50kgf type Standard  (IP-40)	24	SCN6-050-050AB-NA	Mech Cylinder: 50mm stroke	US\$470.00	
	25	SCN6-050-100AB-NA	Mech Cylinder: 100mm stroke	US\$560.00	
	26	SCN6-050-150AB-NA	MechCylinder: 150mm stroke	US\$650.00	
	27	SCN6-050-200AB-NA	MechCylinder: 200mm stroke	US\$750.00	
	28	SCN6-050-250AB-NA	MechCylinder: 250mm stroke	US\$850.00	
	29	SCN6-050-300AB-NA	MechCylinder: 300mm stroke	US\$950.00	
					* Unit price doesn't include power/IO Cable
20 kgf type Sealed  (IP-54)	30	SCN6-020-050ABW-NA	Mech Cylinder: 50mm stroke	US\$590.00	
	31	SCN6-020-100ABW-NA	Mech Cylinder: 100mm stroke	US\$680.00	
	32	SCN6-020-150ABW-NA	MechCylinder: 150mm stroke	US\$770.00	
	33	SCN6-020-200ABW-NA	MechCylinder: 200mm stroke	US\$870.00	
	34	SCN6-020-250ABW-NA	MechCylinder: 250mm stroke	US\$970.00	
	35	SCN6-020-300ABW-NA	MechCylinder: 300mm stroke	US\$1,070.00	
50kgf type Sealed  (IP-54)	36	SCN6-050-050ABW-NA	Mech Cylinder: 50mm stroke	US\$610.00	
	37	SCN6-050-100ABW-NA	Mech Cylinder: 100mm stroke	US\$700.00	
	38	SCN6-050-150ABW-NA	MechCylinder: 150mm stroke	US\$790.00	
	39	SCN6-050-200ABW-NA	MechCylinder: 200mm stroke	US\$890.00	
	40	SCN6-050-250ABW-NA	MechCylinder: 250mm stroke	US\$990.00	
	41	SCN6-050-300ABW-NA	MechCylinder: 300mm stroke	US\$1,090.00	
					* Unit price doesn't include power/IO Cable

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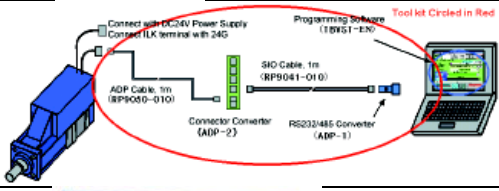

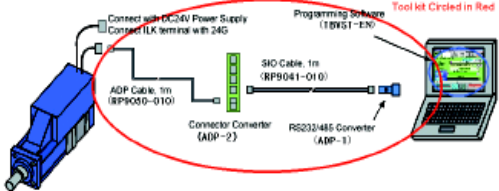


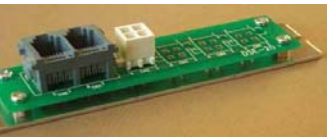
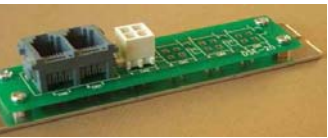

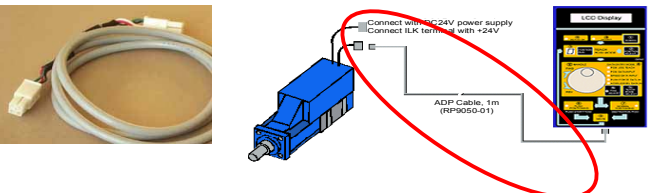
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Product	Line No.	Models	Name	US List	
20 kgf type Slider model	42	SCLL6-020-300AB-NA	Mech Slider: 300mm stroke	US\$890.00	
	43	SCLL6-020-400AB-NA	Mech Slider: 400mm stroke	US\$990.00	
	44	SCLL6-020-500AB-NA	Mech Slider: 500mm stroke	US\$1,090.00	
	45	SCLL6-020-600AB-NA	Mech Slider: 600mm stroke	US\$1,240.00	
	46	SCLL6-020-700AB-NA	Mech Slider: 700mm stroke	US\$1,390.00	
	47	SCLL6-020-800AB-NA	Mech Slider: 800mm stroke	US\$1,520.00	
	48	SCLL6-020-900AB-NA	Mech Slider: 900mm stroke	US\$1,650.00	
	49	SCLL6-020-1000AB-NA	Mech Slider: 1000mm stroke	US\$1,780.00	
AC Servo Motor	50	RSA0611-01A01	AC Servo Motor, Ref: 90W	US\$530.00	
	51	RSA0911-01A01	AC Servo Motor, Ref: 60W	US\$590.00	
	52	RSA0611-G1-XX	Gear Servo Motor	US\$675.00	
	53	RSA0611-G2-XX	Gear Servo Motor	US\$675.00	
Power/IO Cable	54	RP9120-030	Parallel Cable (3m) - for SCN6, SCLL6 & Motor	\$55.00	
	55	RP9120-050	Parallel Cable (5m) - for SCN6, SCLL6 & Motor	\$70.00	
	56	RP9120-100	Parallel Cable (10m) - for SCN6, SCLL6 & Motor	\$100.00	
	57	RP9130-010	Extension Motor Cable (1m) - SCN6, SCLL6 & Motor	\$30.00	
	58	RP9140-010	Extension Encoder Cable (1m) - SCN6, SCLL6 & Motor	\$45.00	
					 <p>In case of programming by Teaching Pendant</p>

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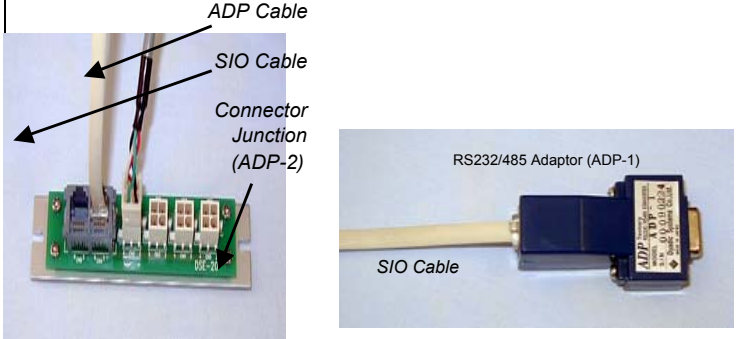
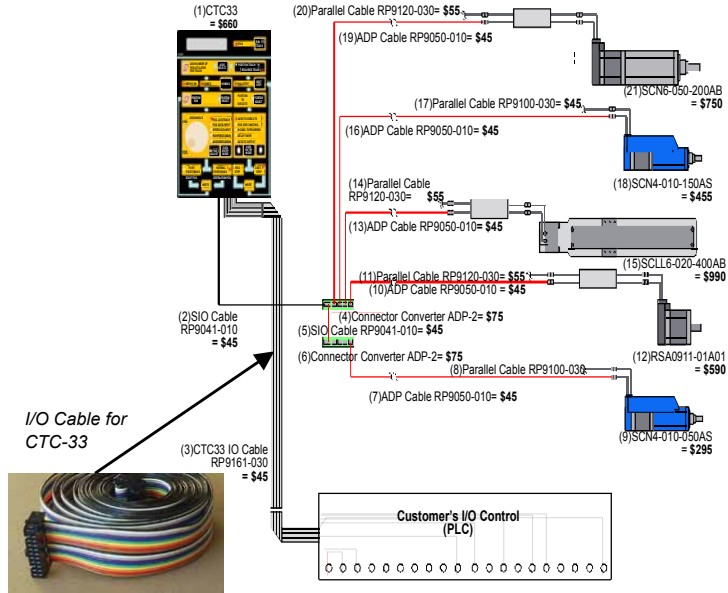
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Product	Line No.	Models	Name	US List	
Programming Tool	59	CTA-23-EN-SET	Teach Pendant	\$430.00	
	60	TBVST-EN-SET	PC Tool Kit	\$260.00	
	61	CTC-33-EN-SET	Sequencer Teach Pendant	\$660.00	
	62	CTC-Tool-EN-SET	PC Tool Kit (for Sequence programming, same as CTC-33)	\$260.00	
Accessories		RP9100-030			see above
		RP9120-030			see above
	63	RP9041-010	SIO Cable (connect ADP1&ADP2)	\$45.00	
	64	ADP-1	232/485 Adaptor (to PC serial port)	\$75.00	
	65	ADP-2	Cable Connector Junction (1 connection)	\$75.00	
	66	ADP-2-4	Cable Connector Junction (4 connection)	\$75.00	
	67	RP9050-010	ADP Cable (connect Teach Pendant & PC ADP)	\$45.00	
	68	RP9050-030	ADP Cable (connect Teach Pendant & PC ADP)	\$50.00	

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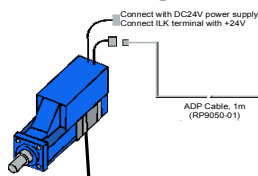
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Product	Line No.	Models	Name	US List	
Accessories			PC Tool Kit		
		RP9130-010			see above
		RP9140-010			
	69	RP9170-030	CTC33 I/O Cable (3m) -Connector End	\$98.00	
	70	RP9170-050	CTC33 I/O Cable (5m) -Connector End	\$110.00	
	71	RP9170-100	CTC33 I/O Cable (10m) -Connector End	\$130.00	
	72	RP9161-030	CTC33 I/O Cable (3m) -Open wire End	\$28.00	
	73	RP9161-050	CTC33 I/O Cable (5m) -Open wire End	\$45.00	
	74	RP9161-100	CTC33 I/O Cable (10m) -Open wire End	\$65.00	
	75	FT001	Mounting Angle for SCN4 & SCN5	\$10.00	
76	FT002	Mounting Angle for SCN6	\$13.00		

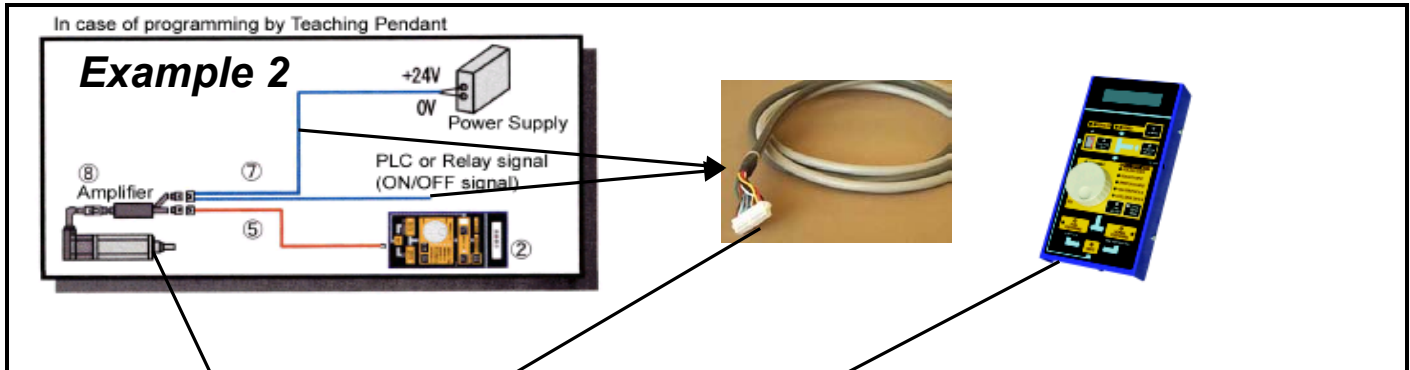
# Dyadic Mechatronics Cylinder System Cost Calculation

## Example 1



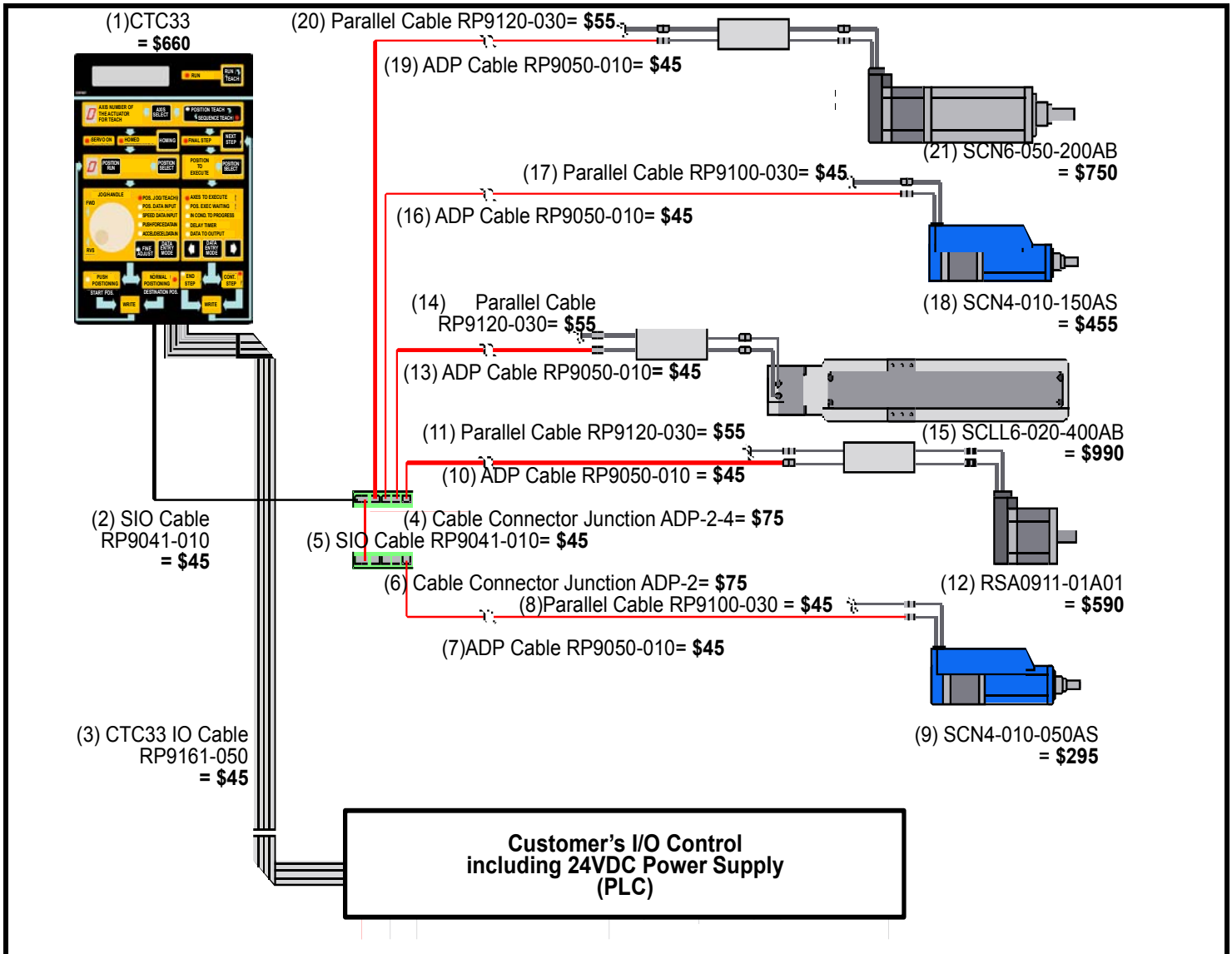
Buyer	Type		Sub total	Notes
1st time buyer	Actuators SCN4-010-050AS	Actuator unit cost x quantity	Example: \$295 x 10 = \$2,950	Example of 10 pcs of SCN4-010-050AS
	Power / IO Cables RP9100-030	Power/Signal cable unit cost x quantity	\$45 x 10 = \$450	
		Teach Pendant	\$430 x 1 = \$430	One Teach Pendant will program any quantity of actuators.
	Teach. Pendant Kit	ADP Cable RP9050-010	\$45 x 0 = \$0 (included in T Pendant)	
	or PC Tool Kit	PC Tool Kit TBVST-EN-SET	\$260 x 1 = \$260	
		<b>Grand Total</b>	<b>in case of Teach Pendant of programming tool</b>	<b>\$2,950 + \$450 + \$430 = \$3,830</b>
		<b>in case of PC Tool Only of programming tool</b>	<b>\$2,950 + \$450 + \$260 = \$3,660</b>	
2nd time buyer	Actuators SCN4-010-050AS	Actuator unit cost x quantity	Example: \$295 x 10 = \$2,950	Example of 10 pcs of SCN4-010-050AS
	Power / IO Cables RP9100-030	Power/Signal cable unit cost x quantity	\$45 x 10 = \$450	
		Teach Pendant	\$430 x 0 = \$0	
	Teach. Pendant Kit	ADP Cable RP9050-010	\$45 x 0 = \$0	
	or PC Tool Kit	PC Tool Kit TBVST-EN-SET	\$260 x 0 = \$0	
		<b>Grand Total</b>		<b>\$2,950 + \$450 + \$0 = \$3,400</b>

# Dyadic Mechatronics Cylinder System Cost Calculation



Buyer	Type		Sub total	Notes
1st time buyer	Actuators SCN6-050-100AB	Actuator unit cost x quantity	Example: \$560 x 5 = \$2,800	Example of 5 pcs of
	Power / IO Cables RP9120-030	Power/Signal cable unit cost x quantity	\$55 x 5 = \$275	SCN6-050-100AB
		Teach Pendant	\$430 x 1 = \$430	One Teach Pendant will
	Teach. Pendant Kit	ADP Cable RP9050-010	\$45 x 0 = \$0 (included in T Pendant)	program any quantity of actuators.
	or PC Tool Kit	PC Tool Kit TBVST-EN-SET	\$260 x 1 = \$260	
	<b>Grand Total</b>	<b>in case of Teach Pendant of programming tool</b>	<b>\$2,800 + \$275 + \$430 = \$3,505</b>	PC Tool will program perfectly, however Teach Pendant is recommended for on site Job.
		<b>in case of PC Tool Only of programming tool</b>	<b>\$2,800 + \$275 + \$260 = \$3,335</b>	
2nd time buyer	Actuators SCN6-050-100AB	Actuator unit cost x quantity	Example: \$560 x 5 = \$2,800	Example of 5 pcs of
	Power / IO Cables RP9120-030	Power/Signal cable unit cost x quantity	\$55 x 5 = \$275	SCN6-050-100AB
	Teach. Pendant Kit	Teach Pendant	\$430 x 0 = \$0	
		ADP Cable RP9050-010	\$45 x 0 = \$0	
	or PC Tool Kit	PC Tool Kit TBVST-EN-SET	\$260 x 0 = \$0	
	<b>Grand Total</b>		<b>\$2,800 + \$275 + \$0 = \$3,075</b>	The customer must have programming tool already.

# Example 3: 5 Axes Connection with CTC-33



Item	Type	Sub total	Cost
1	CTC-33-EN-SET	Sequencer Teach Pendant: 1ea	\$660
2	RP9041-010	SIO Cable (1m) : 1ea	\$45
3	RP9161-050	CTC33 I/O Cable (5m) -Open wire End : 1 ea	\$45
4	ADP-2-4	Cable Connector Junction (4 connections): 1ea	\$75
5	RP9041-010	SIO Cable (1m) : 1ea	\$45
6	ADP-2	Cable Connector Junction (2 connections): 1ea	\$75
7	RP9050-010	ADP Cable	\$45
8	RP9100-030	Parallel Cable (3m) - Power/IO cable for SCN4 & 5	\$45
9	SCN4-010-050AS-NA	Mech Cylinder: 50mm stroke	\$295
10	RP9050-010	ADP Cable	\$45
11	RP9120-030	Parallel Cable (3m) - Power/IO Cable for SCN6, SCLL6 & Motor	\$55
12	RSA0911-01A01	AC Servo Motor, Ref: 60W	\$590
13	RP9050-010	ADP Cable	\$45
14	RP9120-030	Parallel Cable (3m) - Power/IO Cable for SCN6, SCLL6 & Motor	\$55
15	SCLL6-020-400AB-NA	Mech Slider: 400mm stroke	\$990
16	RP9050-010	ADP Cable	\$45
17	RP9100-030	Parallel Cable (3m) - Power/IO cable for SCN4 & 5	\$45
18	SCN4-010-150AS-NA	MechCylinder: 150mm stroke	\$455
19	RP9050-010	ADP Cable	\$45
20	RP9120-030	Parallel Cable (3m) - Power/IO Cable for SCN6, SCLL6 & Motor	\$55
21	SCN6-050-200AB-NA	MechCylinder: 200mm stroke	\$750
<b>Total System Cost</b>			<b>\$4,505</b>