TYSEM®

ROBOTIC DRESSPACK SYSTEM

PRODUCTS



PRODUCTS CATALOGUE

Robotic Dress Pack Products Catalogue

Wear parts, cable assemblies and hoses for TYSEM robotic dress pack systems. A general product selection reference for worldwide customers.

PREPARED FOR

Worldwide customers

SUPPLIER

Hubei Yanhong Robotics Technology Co., Ltd.

DOCUMENT

Products Catalogue

OVERVIEW

How to use this catalogue

Contents, 3D model overview and ordering conventions

SECTION A

Plastic & Hardware Products

28 parts · Ø29 / Ø36 / Ø48 / Ø70

SECTION B

Cable & Hose

27 assemblies · handling & spot welding

3D MODEL OVERVIEW

Moulded Part Families

Same-type parts aligned across Ø29 / Ø36 / Ø48 / Ø70

Scope

This catalogue covers the recommended products for TYSEM robotic dress pack systems supplied for robotic dress-pack applications. All items are TYSEM original parts. Quantity per machine and recommended stock levels are defined separately with the customer.

Part-number conventions

- **Plastic / hardware codes** — use the order code shown in the table, e.g. 0333TH-036.
- **Cable / hose codes** — use the order code shown in the table, e.g. 4317PN-100.
- **Customer prefixes** — special customer/project prefixes are omitted from all customer-facing tables.
- Diameter figures **Ø29 / Ø36 / Ø48 / Ø70** refer to the applicable dress-pack series in millimetres.

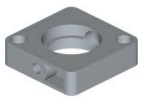
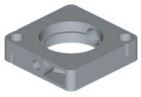
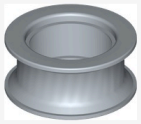
Ordering

- Quote the part number exactly as printed, together with the required quantity.
- For corrugated tubes, confirm the required length with TYSEM when ordering.
- Photographs are for identification only; the part number is the reference for ordering.

3D MODEL OVERVIEW

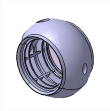
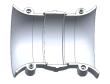
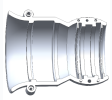
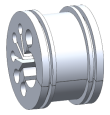
Moulded Part Families

Same-type parts aligned across Ø29 / Ø36 / Ø48 / Ø70

PART TYPE	Ø29 · P.06	Ø36 · P.06	Ø48 · P.04	Ø70 · P.05
Mounting Base / Clamp				
Bumper Ball				
Cable Splitter	—			
Fixed Inner Clamp	—	—		
Sliding Inner Clamp	—	—		
Single-End Bell Mouth	—	—		—
Double-End Bell Mouth	—	—		
Spherical Sleeve	—	—		
Tube / Cannon	—	—		

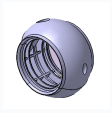
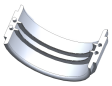
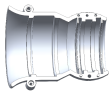
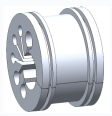
Plastic & Hardware Products

28 parts · Ø29 / Ø36 / Ø48 / Ø70 series

No.	Photo	Description	Size	Part No.
Ø48 Series — Standard Wear Parts & Tube				
1		Bumper Ball, Double-Rib	Ø48	0317Q2-048
2		Mounting Base	Ø48	0317DZ-048
3		Fixed Inner Clamp	Ø48	0317GN-048
4		Single-End Bell Mouth	Ø48	0333L1-048
5		Sliding Inner Clamp	Ø48	0337HN-048
6		Double-End Bell Mouth	Ø48	0317L2-048
7		Spherical Sleeve	Ø48	0377L6-048
8		Cable Splitter, Concave	Ø48	0317FA-048
9		Spring	Ø48	0333TH-048
10		Straight Tube	Ø48	0333PT-048
11		Corrugated Tube	Ø48	0417BG-048

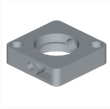
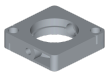
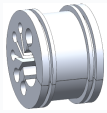
Ø70 Series

Heavy-duty wear parts for 70 mm dress packs

No.	Photo	Description	Size	Part No.
Ø70 Series — Heavy-Duty Wear Parts & Tube				
12		Straight Tube	Ø70	0333PT-070
13		Spring	Ø70	0333TH-070
14		Bumper Ball, Single-Rib	Ø70	0317Q1-070
15		Mounting Base	Ø70	0317DZ-070
16		Fixed Inner Clamp	Ø70	0317GN-070
17		Sliding Inner Clamp	Ø70	0337HN-070
18		Double-End Bell Mouth	Ø70	0317L2-070
19		Spherical Sleeve	Ø70	0377L6-070
20		Cable Splitter, Concave	Ø70	0317FA-070
21		Corrugated Tube	Ø70	0417BG-070

Ø29 / Ø36 Series

Light-duty moulded parts with matching corrugated tubes

No.	Photo	Description	Size	Part No.
Ø29 Series — Light-Duty Wear Parts & Tube				
22		Mounting Base / Clamp	Ø29	0317DZ-029
23		Bumper Ball	Ø29	0317Q1-029
24		Corrugated Tube	Ø29	0417BG-029
Ø36 Series — Light-Duty Wear Parts & Tube				
25		Bumper Ball	Ø36	0317Q1-036
26		Mounting Base	Ø36	0317DZ-036
27		Cable Splitter, Concave	Ø36	0317FA-036
28		Corrugated Tube	Ø36	0417BG-036

SECTION B

Cable & Hose

27 assemblies · handling and spot-welding dress packs

B.1 · Handling Dress Pack (Axis 1–6)

No.	Description	Part No.	Notes
1	Axis 1–6 Profinet Signal Cable	4317PN-100	
2	Axis 1–6 24 V Power Cable	431724V-100	
3	Axis 1–6 Air Tube	031708-100-BU	
4	Axis 1–6 Handling Dress Pack Assembly	4317M-100	

B.2 · Spot-Welding Dress Pack — Axis 1–3 segment

No.	Description	Part No.	Notes
1	Axis 1–3 Welding Power Cable	4313WE-060-A1	Main cable: single 35 mm² conductor; 3 pcs per set.
2	Axis 1–3 Gun Feedback Cable	4313UIR-060	
3	Axis 1–3 Encoder Cable	4313PG-060	
4	Axis 1–3 Motor Power Cable	4313PW-060	
5	Axis 1–3 Pressure Feedback Cable	4313PS-060	
6	Axis 1–3 Water Supply Hose	431308-060-GN	
7	Axis 1–3 Water Return Hose	431308-060-RD	
8	Axis 1–3 Profinet Signal Cable	4313PN-060	
9	Axis 1–3 24 V Power Cable	431324V-060	
10	Axis 1–3 Air Tube	431308-060-BU	

Spot-Welding Dress Pack

Axis 3–6, adapter cable and assemblies

B.2 · continued — Axis 3–6 segment

No.	Description	Part No.	Notes
11	Axis 3–6 Welding Power Cable	4337WE-050-A1	Main cable: single 35 mm² conductor; 3 pcs per set.
12	Axis 3–6 Gun Feedback Cable	4337UIR-050	
13	Axis 3–6 Encoder Cable	4337PG-050	
14	Axis 3–6 Motor Power Cable	4337PW-050	
15	Axis 3–6 Pressure Feedback Cable	4337PS-050	
16	Axis 3–6 Water Supply Hose	033708-050-GN	
17	Axis 3–6 Water Return Hose	033708-050-RD	
18	Axis 3–6 Profinet Signal Cable	4336PN-050	
19	Axis 3–6 24 V Power Cable	433624V-050	
20	Axis 3–6 Air Tube	033708-050-BU	

Adapter cable & assemblies

No.	Description	Part No.	Notes
21	Axis-6 Gun Feedback Adapter Cable	4377UIR-005	Feedback adapter cable.
22	Axis 1–3 Spot-Welding Dress Pack Assembly	4313SELM-060	
23	Axis 3–6 Spot-Welding Dress Pack Assembly	4337SELM-050	

CONTACT

Contact

Product and order support

Contact

SUPPLIER

Hubei Yanhong Robotics Technology Co., Ltd.
Room 1312/15, Building B, Jianyin Mansion,
Chuangye Road, Wuhan Economic and Technological
Development Zone, Wuhan, China

SALES & SERVICE

www.tysem.cn
Tel +86 177 0278 9163