

# Rail Profiles



IR 2000

IR 2002

IR 2003

IR 2004

IR 2005

IR 2006

# Deflection

L/ 450mm (L/450 in.)- Rate of deflection

L= Span

Span is distance between hangers of runway system or distance between end trucks on a bridge system

450 is

Example: 4 foot span maximum deflection is 2.7mm (.107in.)

Rail/Bridge Span					
ft	in.	m	mm	L/450 in.	L/450 mm
4	48	1.22	1219.2	0.107	2.70
5	60	1.52	1524.0	0.13	3.40

Rail/Bridge Span				Deflection Limits						Point Load					
ft	in.	m	mm	L/450 in.	L/450 mm	L/550 in.	L/550 mm	L/600 in.	L/600 mm	L/450 lbs	L/450 kg	L/550 lbs	L/550 kg	L/600 lbs	L/600 kg
4	48	1.22	1219.2	0.107	2.70	0.089	2.20	0.080	2.00	877	398	836	379	766	347
5	60	1.52	1524.0	0.13	3.40	0.11	2.80	0.100	2.50	654	297	535	243	490	222
6	72	1.83	1828.8	0.16	4.10	0.13	3.30	0.120	3.00	454	206	371	168	340	154
7	84	2.13	2133.6	0.19	4.70	0.15	3.90	0.140	3.60	334	151	273	124	250	113



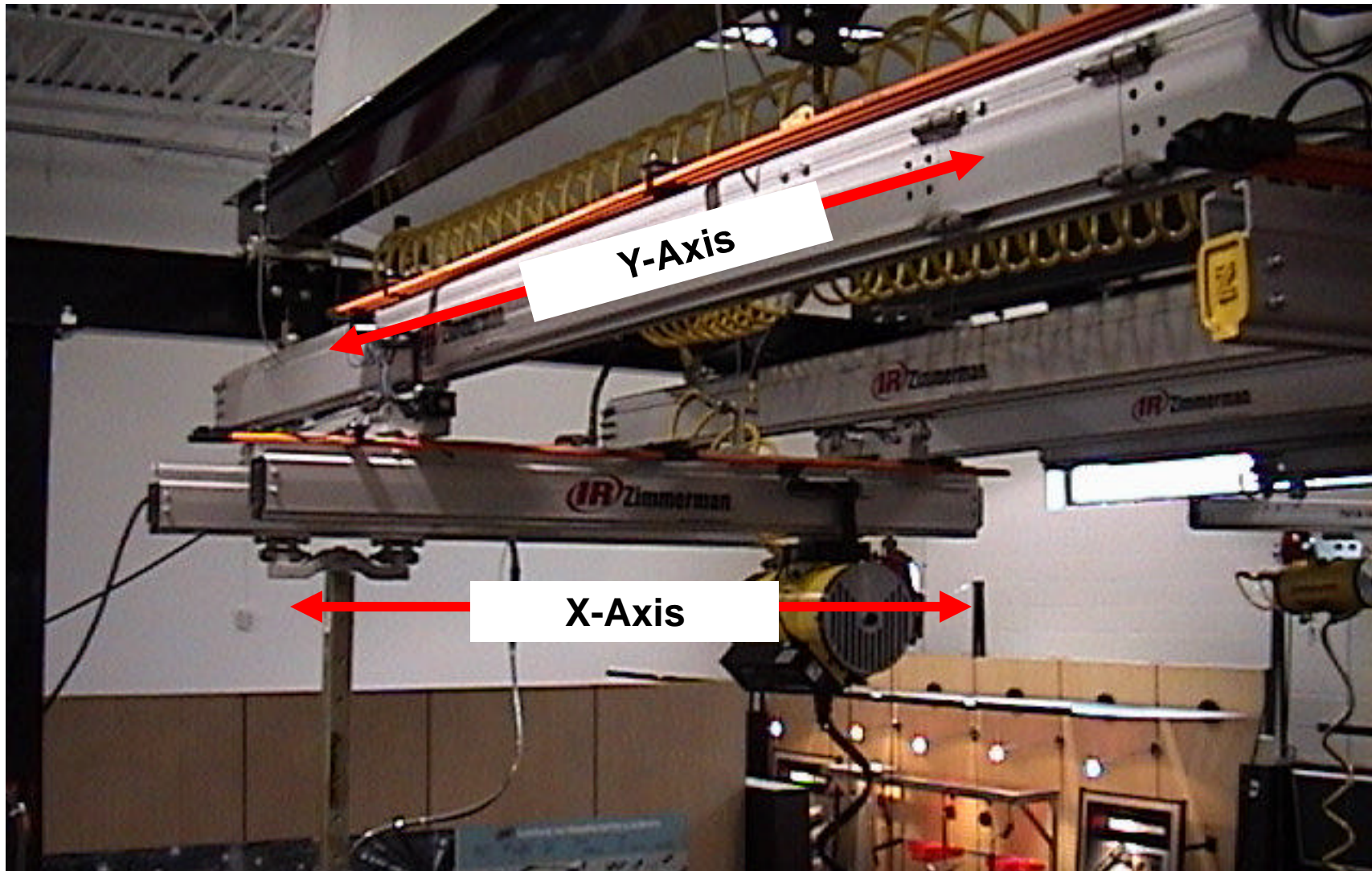
# Rail Applications

X & Y Axis- Bridge and Runway System

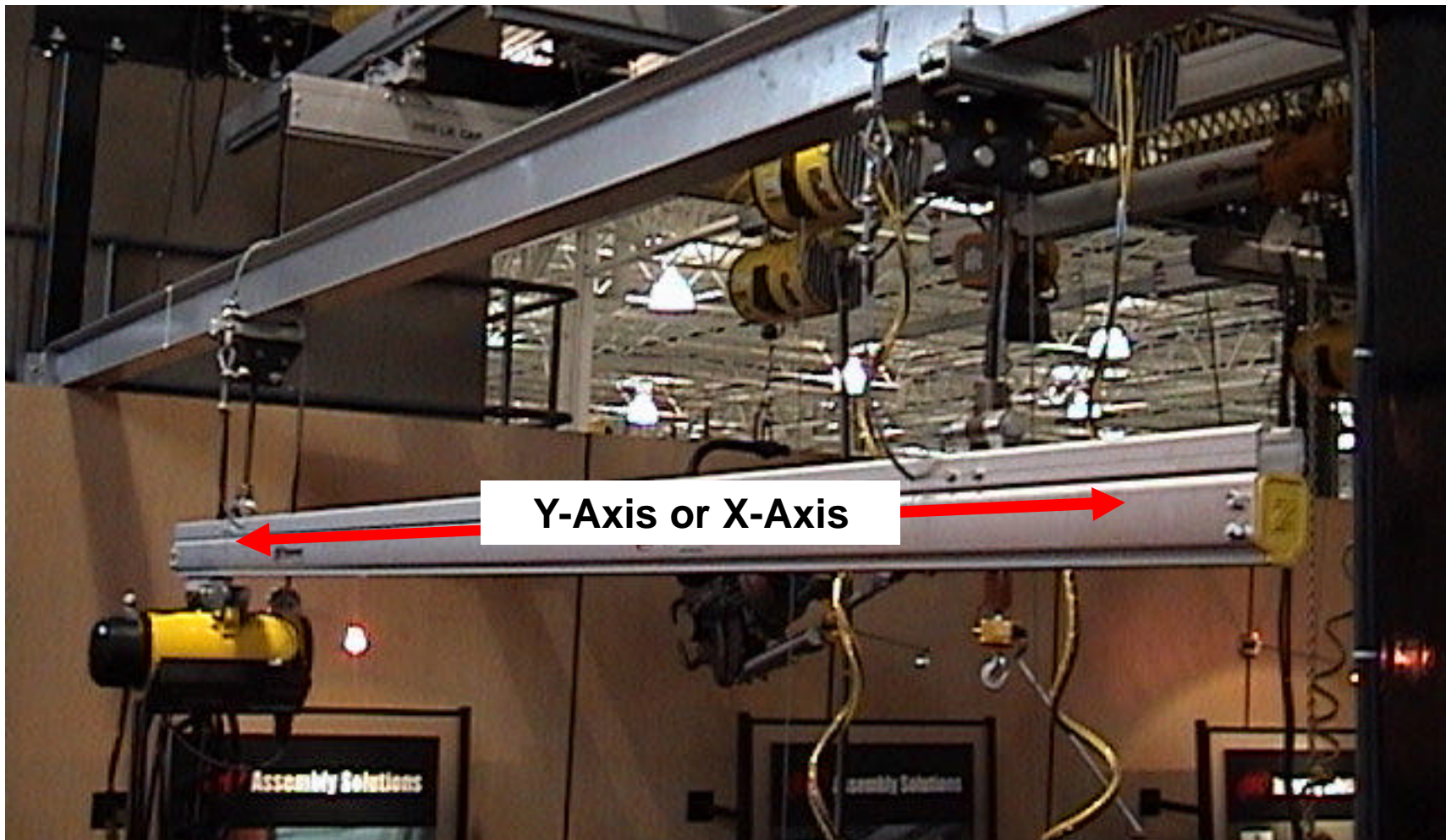
X or Y Axis- Monorail System

Alternate use- Jib Cranes, 600 series Arms

# Bridge & Runway



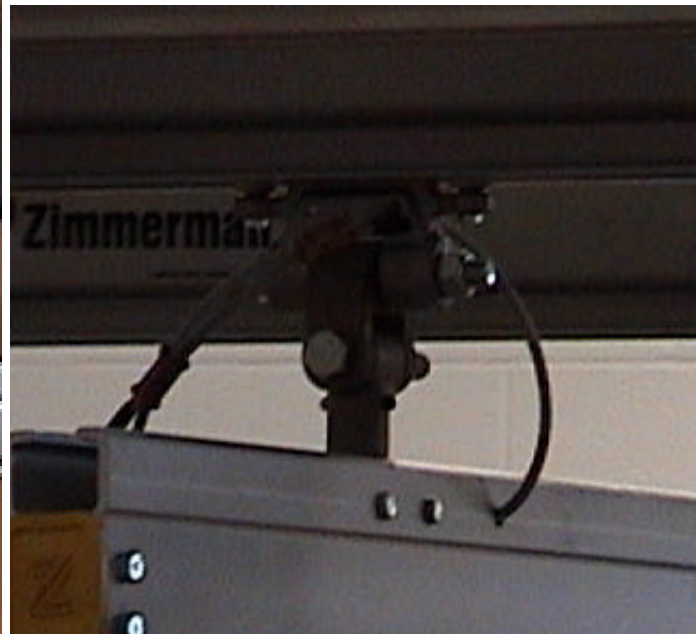
# Monorail



# Components



Hanger Kits & Safety  
Cables

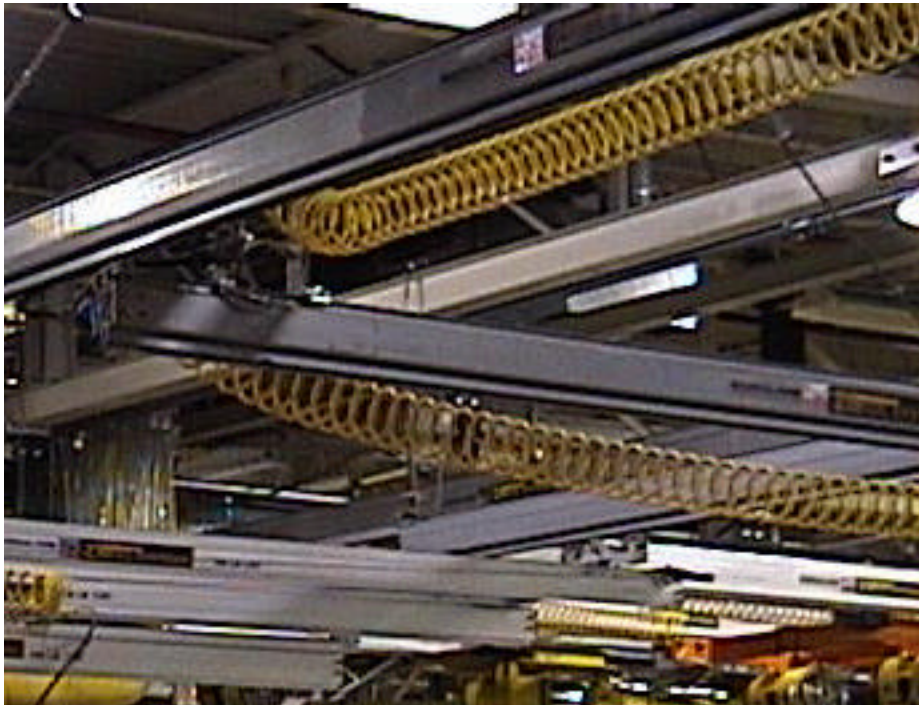


End Trucks & Safety  
Cables



End Stops

# Components



Air Supply Kit



Electric Supply Kit