

# Platform Drives

Oerlikon Fairfield offers swing drives with integrated options to satisfy the needs of platform drive systems.

## Markets

Typical applications include, but are not limited to:

- **Aerial Work Platforms** – booms
- **Fire Service** – ladder trucks
- **Forestry** – log loaders
- **Construction** – mobile cranes

## Features

- Compact swing drives
- Single or double planetary gearing
- Complete assemblies offering:
  - ▶ Motors
  - ▶ Counterbalance valves
  - ▶ Backlash adjustment
  - ▶ Integral parking brake



Performance Data				Physical Data					
Model	Max. Cont. Torque lb-in (Nm)	Max. Int. Torque lb-in (Nm)	Max. Input Speed (RPM)	Max. Radial Load – lb (kg)	Ratio (x:1)	Overall Length in (mm)	Pilot Mtg. in (mm)	B.C. Diam. in (mm)	Shaft Diam. in (mm)
S1A1/A2	15,000 (1,690)	30,000 (3,390)	4,000	7,000 (3,182)	19 to 69	11.90 (302.3)	8.56 (217.4)	9.50 (241.3)	2.00 (50.8)
S1C5	15,000 (1,690)	30,000 (3,390)	5,000	7,000 (3,182)	3 to 6	11.02 (280.0)	5.40 (137.2)	7.25 (184.2)	2.00 (50.8)
S1CK	15,000 (1,690)	30,000 (3,390)	5,000	7,000 (3,182)	3 to 6	12.83 (325.9)	5.00 (127.0)	6.37 (161.8)	2.13 (54.1)
S3A6	37,500 (4,240)	75,000 (8,470)	3,000	16,000 (7,273)	19 to 74	13.68 (347.5)	8.25 (209.6)	10.10 (256.5)	2.98 (75.7)
S6A2	60,000 (6,780)	120,000 (13,560)	5,000	15,500 (7,045)	13 to 42	15.84 (402.3)	11.00 (279.4)	13.19 (335.0)	3.00 (76.2)
S6C7	60,000 (6,780)	120,000 (13,560)	2,500	15,500 (7,045)	4 to 6	14.57 (370.1)	11.00 (279.4)	13.19 (335.0)	3.00 (76.2)

\*Broad offering of additional swing drives available without integrated packages.

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