

DEAN

deanequipment.com

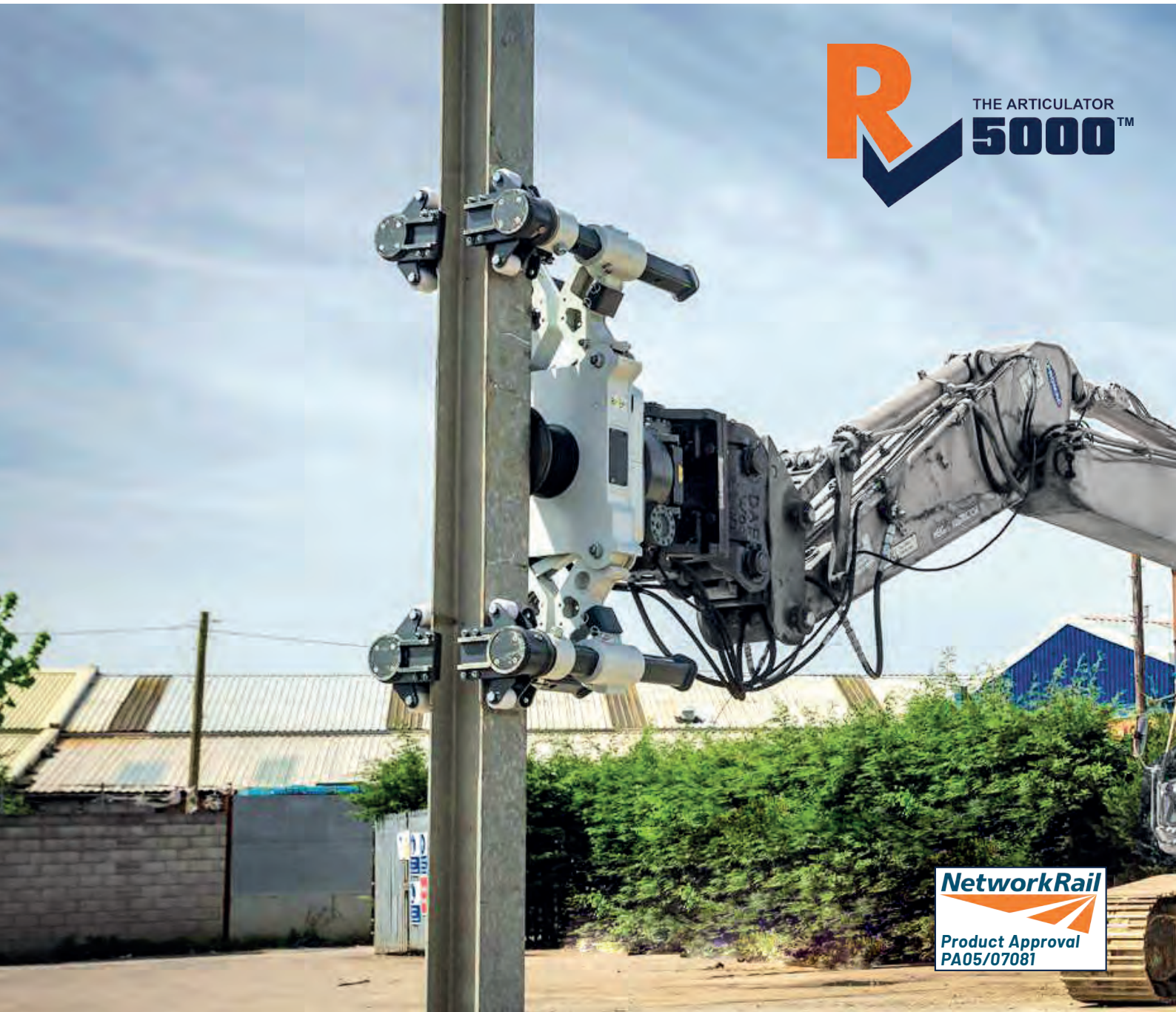


printed by: www.arag-bau.ch

english

ARTICULATOR™ 5000

Precise and Safe Handling



ARTICULATOR™ 5000

DEAN

deanequipment.com

With a maximum lift/SWL of 5 tonnes, the Articulator™ 5000 is capable of manipulating, manoeuvring and rotating sections, poles, masts and posts up to 20m length*.

With its four uniquely adjustable feet and telescopic legs, the Articulator™ 5000 can adjust to various changes in width and size and remain sturdy and safe.

- ▶ **Lifts regular or tapered structures of varying widths**, clamping and holding securely – for **safe and precise** positioning.
- ▶ **Lifts tubular structures and all round sections** up to 795mm diameter and 20m in length*.
- ▶ **Handles parallel or tapered box sections, square, oblong or H-beam** etc. and of various other sectional characteristics up to 850mm width and 20m in length*.
- ▶ **360° endless rotation** included.
- ▶ **Shown featuring the NOX Tiltrotator.**

* Subject to load being held at its center of gravity



Dimensions

Height with legs extended (mm)	Height with legs retracted (mm)	Length/width arms open (mm)	Length/width arms closed (mm)	Diam. round section (mm)	Dims. angular section (mm)	Height max. of object (mm)
1915	1345	1840 / 1515	2230 / 670	795 / 750*	850 / 820*	720

* Feet Offset/Feet Parallel

Angles / Speeds

Tilt left / right (°)	Rotation speed** (RPM)	Lateral arm closing speed** (m/sec)	Lateral arm opening speed** (m/sec)	Centre clamping pad retract speed** (m/sec)	Centre clamping pad extend speed** (m/sec)
50 / 50	8.5	1.39	2.06	0.295	0.531

** @ 50 l/min

Forces / Electrics

Lateral legs combined*** (kN)	Lateral arms combined**** (kN)	Centre clamping pad*** (kN)	Centre clamping pad**** (kN)	Supply required (V)
36.8	49.0	50.89	62.20	12 / 24

*** @ 180 bar **** @ 240 bar

Hydraulic Requirements Tilt / Rotation

Two double acting circuits required

Tilt torque @240 bar (kN)	Tilt oil flow (l/min)	Tilt pressure (bar)	Tilt hydr. power input (max. kW)	Rotation oil flow (l/min)	Rotation pressure (bar)	Rotation hydr. power input (max. kW)
24.4	20 - 50	180 - 240	20	20 - 70	120 - 200	23

Hydraulic Requirements Centre Clamping Pad

Oil flow range (l/min)	Pressure range (bar)	Hydraulic power input (max. kW)
20 - 70	120 - 200	23



T W Dean Group Ltd reserves the right to amend specifications without prior notice. E&OE. IPR Dean, GB1809398.9
Specifications are subject to change without notice. The manufacturer reserves the right to change specifications without notice.

ARAG
Baumaschinen-Rent

ARAG Bau AG
Zinggen
6166 Hasle LU
www.arag-bau.ch
Tel. 058 710 00 00

Tel: +44 (0) 1474 328 900

Email: sales@deanequipme