

Strong lightweight construction

Highly reliable with minimal backlash

Built to last

Weatherproof

Long operational life

Easy to install

Universal mounting plate

Corrosion resistant finish

Full mechanical braking

Dual process heat treated gravity die cast aluminium casing

Precision turned and milled internal components with ball races on major axes

Stainless steel fastenings

'O' rings and lip seals. IP rating 68 (assuming the supplied mating connector is used and fitted to the manufacturers specification)

Maintenance free, two year warranty

Simple external limit switch adjustment to 350 degrees travel

Suitable for all housings

Colour options available

on motor shaft



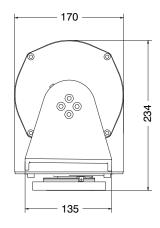


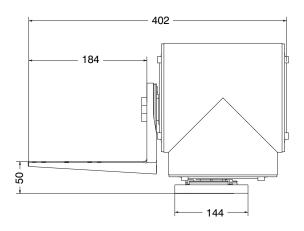
Homburg heavy-duty pan and tilt

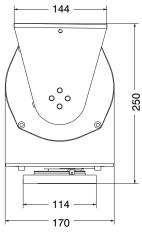
Designed to carry up to 50kg on a side mount or up to 45kg over the top, variable speed Homburg heavy duty pan & tilts are available in 24VDC or 12VDC. Like the smaller Topper and Bowler ranges, Homburg's are totally maintenance free. Limit stops are set externally to avoid having to open a unit and potentially compromise its IP 68 rating. The gearbox has been designed to minimise backlash and provides higher gear ratios, which gives lower speeds without costly modifications. Long life potentiometers come as standard with an option for extended long life potentiometers.

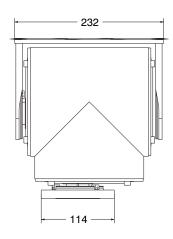
Full mechanical braking is incorporated to enhance the accuracy and stability of this heavy-duty head.











Dimensions (mm nominal)	Side mount	Over the top	
Height	234	250	
Width to platform face	220	230	
Width to platform outer edge	402	N/A	
Depth (without plugs)	170	170	
Weight (kg)	< 12	< 12	
Fixing centres Base	4 holes tappe	ed M6 on 4"(101.6) PCD	
	plus 4 holes 6	3.35 Dia on 4"(101.6) PCD	
Platform	Key hole slots	Key hole slots on 4" PCD	
Voltages	12VDC	24VDC	
Speeds (°/sec)	DC	DC	
Pan	30 or 10	30 or 10	
Tilt	10	10	
Capacity	50kg	20kg	
With 1 load compensator	N/A	30kg	
With 2 load compensator	N/A	45kg	
(maximum load can only be achieved by using a slow speed gearbox and balanced load)			
Operational Angles (°)	Pan	Tilt	
Side mount	350	±180	
Over the top	350	-90 to+25	
Backlash	Less than 0.1	Less than 0.15°	
Long life potentiometers	As standard	As standard	
Control cable	Mating connectors supplied		
House colour	Goose Grey, Textured, Semi Gloss (BS4800 00 A05)		
Maintenance	None require	None required	
Temp. range (°C)	-20 to +50 (Heater available)		

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NEW ultra-slow speed pan & tilt system



1000m plus and long distance video tracking using BBV Controller and Receiver technology.

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- degree per second
- Supply voltage: 110 or 230 VAC
- 6 wire connectors for easy installation
- Revolutionary preset technology with 12 Bit resolution for greater accuracy
- No preset pots (less moving parts)
- Receiver mountable at base of pole
- Supports 14 different protocols
- Compatible with lenses with iris override and 2x converters
- Active motor drive system (ensures head stavs on preset positions)



Don't get even. Get MAD

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