



# ALPINE GRAPPLE

## MODELS AGC-2 / AGC-3



**Grapple pivots from carriage for smooth 360 degrees rotation**  
**Grapple-mounted wireless camera system**

GRAPPLE OPEN AND ROTATE FUNCTIONS ARE HYDRAULICALLY POWERED AND CONTROLLED VIA REMOTE ELECTRIC SIGNALS. GRAPPLE CLOSE FUNCTION IS CONTROLLED BY THE MAINLINE. HYDRAULIC ENERGY IS STORED IN AN ACCUMULATOR AND PRESSURISED BY A PUMP CONNECTED TO ONE OF THE HAULBACK/SKYLINE SHEAVES AS THE CARRIAGE TRAVELS ALONG THE CABLE.



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### CARRIAGE SPECIFICATIONS

AGC-2	AGC-3	
3500kg (7700lb)	4500kg (9900lb)	LOAD CAPACITY
1100kg (2400lb)	1500kg (3300lb)	WEIGHT
2.1m (6ft10in)	2.1m (6ft10in)	GRAPPLE OPENING
16-28mm (5/8-1 3/32in)	22-32mm (7/8-1 1/4in)	SKYLINE CABLE DIAMETER
10-20mm (3/8-13/16in)	20-22mm (13/16-7/8in)	MAINLINE CABLE DIAMETER
100-120 bar (1450-1740psi)		ACCUMULATOR PRESSURE
Up to 1000m (3280 ft)		RADIO RANGE
12 hours		BATTERY LIFE
Continuous		GRAPPLE ROTATION
Remote cameras		OPTIONAL MOUNTED SYSTEMS

### ADVANTAGES OF THE ALPINE GRAPPLE CARRIAGE

- Low maintenance costs – Off the shelf components – Easy to use
- Simple design & easy to fix – Fast cycle times
- No lift required for closing of grapple – 360 degree rotation

