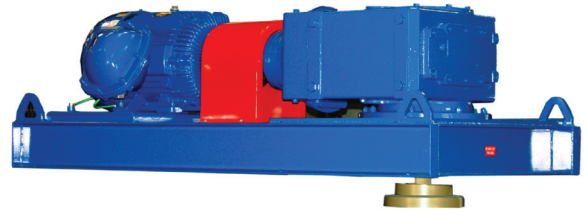


## HIGH QUALITY AND TIME-PROVEN MECHANICAL AGITATION



### HMA-RG

HMA-RG horizontally skid-mounted agitators are very robust, heavy duty mechanical mixers. These agitators feature a triple reduction helical-bevel gear drive system that reduces the rotational speed of the motor to drive the impeller(s). HMA-RG series agitators are offered with a 900 RPM or 1200 RPM motor.

### Impellers

Impellers are available with flat blades (radial flow), contour blades (axial flow) and canted blades (radial/axial flow). The impellers are sized according to tank volume and expected duty. Active mud system compartments such as solids removal sections, mud mixing sections, and slug pits which need a higher shear force to produce immediate mixing, are another consideration in impeller sizing.

### Shafts

Several types of shafts are offered. Mild steel shafts are cut to length and joined to the gearbox output shaft with a rigid coupling. Solid shafts are keyed at the bottom for adjustment of impeller height. Hollow pipe shafts are available on select models for use in deep tanks. They are supplied in flanged sections and bolted together making them ideal when lifting height is limited.

Contact your NOV sales representative for selection and size based on tank geometry for optimal mixing and suspension in each compartment.

### Features

- Explosion proof motors & starters (optional)
- Provides optimal mixing
- Triple reduction helical gearbox
- 95% mechanical efficiency
- 900 RPM and 1200 RPM motor options

### Benefits

- Can be used in a variety of locations
- Lowers mud cost
- Quiet, efficient, low operational temperature
- Reduced horsepower requirement
- Large impellers for use in deeper tanks

## Nominal Specifications and Dimensions

Model	hp/kW	Length	Width	Height	Weight (less the shaft and impeller)
<b>HMA-25RG</b>	25 hp (18.6 kW)	NEMA: 85 ¼ in (2165 mm) IEC: 88 ½ in (2248 mm)	NEMA: 39 in (993 mm) IEC: 44 in (1118 mm)	NEMA: 32 in (813 mm) IEC: 34 ¼ in (870 mm)	2250 lb (1020.5 kg)
<b>HMA-30RG</b>	30 hp (22.4 kW)	NEMA: 88 ½ in (2248 mm) IEC: 88 ½ in (2248 mm)	NEMA: 44 in (1118 mm) IEC: 44 in (1118 mm)	NEMA: 31 ¾ in (806 mm) IEC: 28 ½ in (724 mm)	2950 lb (1338.1 kg)
<b>HMA-40RG</b>	40 hp (30 kW)	NEMA: 88 ½ in (2248 mm) IEC: 88 ½ in (2248 mm)	NEMA: 44 in (1118 mm) IEC: 44 in (1118 mm)	NEMA: 29 in (735 mm) IEC: 34 ¼ in (870 mm)	3300 lb (1497 kg)
<b>HMA-50RG</b>	50 hp (37.3 kW)	NEMA: 88 ½ in (2248 mm) IEC: 88 ½ in (2248 mm)	NEMA: 44 in (1118 mm) IEC: 44 in (1118 mm)	NEMA: 28 ½ in (724 mm) IEC: 35 ¾ in (907 mm)	3300 lb (1497 kg)
<b>HMA-75RG</b>	75 hp (55.59 kW)	NEMA: 90 ½ in (2301 mm) IEC: 96 ½ in (2451 mm)	NEMA: 42 ½ in (1079 mm) IEC: 44 ½ in (1127 mm)	NEMA: 63 ½ in (1613 mm) IEC: 42 ½ in (1078 mm)	5500 lb (2495 kg)