

# Mixer Drive Replacement Request Form

To: SMA Engineering									
Attn:		From:			Request Date:				
Industry:					E/U Name:				
Project Name :		Site address / State:							
Item/Machine number	xxx 1	xxx 2	xxx 3	xxx 4					
Application									
Max. and Min. Ambient temp. (°C)									
Service Factor required (if any)									
Motor rated power (HP)									
Motor speed (RPM)									
Mixing speed (RPM) or									
Gearbox reduction ratio									
Gearbox output shaft dia (inch)									
"Gearbox outer dimensions W x H x L (in. x in. x in.)"									
"Gearbox extended drop bearing depth (in.) [if existing]"									
Working Environment	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	
	High Humidity	Corrosive	High Humidity	Corrosive	High Humidity	Corrosive	High Humidity	Corrosive	
	Dusty	Explosion Proof	Dusty	Explosion Proof	Dusty	Explosion Proof	Dusty	Explosion Proof	
Motor Operation	AC Motor	DC Motor	VFD	AC Motor	DC Motor	VFD	AC Motor	DC Motor	VFD
Shaft orientation									
How long existing gearbox lasted?	~1 year	3 years~	~1 year	3 years~	~1 year	3 years~	~1 year	3 years~	
	5 years~	10 years~	5 years~	10 years~	5 years~	10 years~	5 years~	10 years~	
Existing gearbox broken / malfunctioned?	Yes	No	Yes	No	Yes	No	Yes	No	
Nature of failure (if yes above)	Casing damage	Shaft broken	Casing damage	Shaft broken	Casing damage	Shaft broken	Casing damage	Shaft broken	
	Gear damage	Bearing damage	Gear damage	Bearing damage	Gear damage	Bearing damage	Gear damage	Bearing damage	
	Lub/Leakage	Others	Lub/Leakage	Others	Lub/Leakage	Others	Lub/Leakage	Others	
Existing gearbox nameplate photo	Please provide the nameplate and installation photos of the existing unit.								
Existing gearbox installation photo	Please provide the nameplate and installation photos of the existing unit.								