

# ULTIMA

## INSTALLATION

ULTIMA drives ship installation-ready with speed stops set and gear units factory filled with lubricant. Some surfaces are coated with corrosion preventive compound which should be cleaned prior to mounting the output component. Disc faces are shipped with corrosion resistant compound that does not need to be removed prior to start-up. This compound will wear off quickly in service. A rigid base is essential for mounting the ULTIMA unit because of the high torque capability of these drives. When used with coupling outputs, shimming will be necessary to assure-proper alignment. When belt or chain drives outputs are used, it is desirable to install the sheave, pulley or sprocket as close to the ULTIMA drive output cover as is possible. Proper clearance should be allowed for removal of the beltcase cover. The clearances required by case size are shown below.

Clearance Required for Beltcase Cover Removal:

Size 1 - 5.50"

Size 2 - 5.50"

Size 3 - 5.50"

**NOTE:** For comprehensive installation instructions and safety precautions refer to manual.

## MAINTENANCE

Under normal conditions, the REEVES ULTIMA drive's user friendly design cuts scheduled maintenance to minutes per year. Occasional visual inspections to check for hardware security, leakage, and general overall condition is good practice with any machine. In extremely dirty environment, heavy accumulations of dirt can cause overheating. An occasional washdown or wipe-off is good practice with any machine. Every 6 months or 2000 hours running time, an inspection should be made for unusual noises, belt wear, bushing wear and lubricant conditions. By following the instructions in the manual provided with each unit, you can assure years of dependable service from your REEVES ULTIMA drive. Complete maintenance instructions and warnings should be reviewed prior to installation. See manual.

**NOTE:** ULTIMA size 3 uses grease lubricated discs and requires periodic relubrication.

APG

MASTER XL

MOTO DRIVE

ULTIMA

# ULTIMA Weights

## Parallel Gearing

HP	Size	Weight (lbs)
3/4	1R00	145
	1A2S	133
	1A2D	145
	1A2T	149
1	1R00	143
	1A2S	133
	1A2D	145
	1A2T	149
	1A3T	175
1-1/2	1R00	147
	1A2S	136
	1A2D	148
	1A2T	152
	1A3T	183
	1A4T	195
2	1R00	154
	2R00	205
	1A2S	150
	2A3S	195
	1A2D	162
	2A3D	213
	1A3T	192
	2A3T	220
	1A4T	206
	2A4T	234
3	2R00	248
	2A3S	238
	2A3D	256
	2A3T	263
	2A4T	277
	2A5T	344
5	2R00	255
	3R00	355
	2A3S	248
	3A4S	351
	2A3D	266
	3A4D	375
	2A4T	287
	3A4T	383
	2A5T	354
	3A5T	472
7-1/2	3R00	396
	3A4S	392
	3A4D	416
	3A5D	510
	3A5T	513
	3A6T	576

HP	Size	Weight (lbs)
10	3R00	419
	3A4S	410
	3A4D	434
	3A5D	528
	3A5T	533
	3A6T	599

## Right Angle Gearing

HP	Size	Weight (lbs)
3/4	1V16	149
	1V21	178
	1B16	172
	1B21	226
1	1V16	149
	1V21	178
	1B16	172
	1B21	226
1-1/2	1V16	153
	1V21	182
	1B16	176
	1B21	230
2	1B28	330
	1V16	170
	1V21	189
	1B16	183
2	1B21	237
	1B28	337

## Ultima Drive with C-Face Output Flange

HP	Size	Flange	Weight (lbs)
1			130
1-1/2	1N00	140TC	134
2			141
3			235
5	2N00	180TC	245
7-1/2			360
10	3N00	210TC	385