

# HG

## Hand Multiplier

Model	Item #	Maximum Torque Output		Torque Multiplication Ratio	Gear Ratio
		lbf.ft	N.m		
H-10*	213700	1033	1400	3.5:1	4
H-15*	213701	1033	1400	3.5:1	4
HG-10	213702	1033	1400	3.5:1	4
HG-15	213703	1033	1400	3.5:1	4
HG-20	213704	2581	3500	11.5:1	16
HG-30	213705	3687	5000	14.3:1	18
HG-40	213706	4425	6000	16:1	21
HG-50	213707	5900	8000	20.5:1	24
HG-60	213708	8480	11500	23.2:1	28
HG-80**	213709	36880	50000	126:1	180

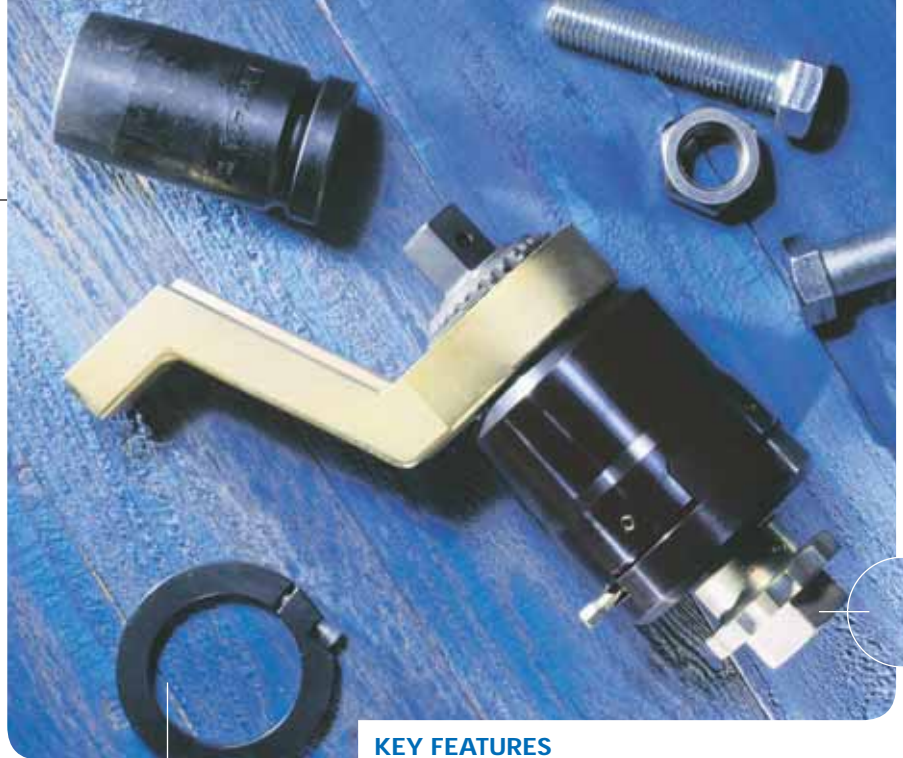
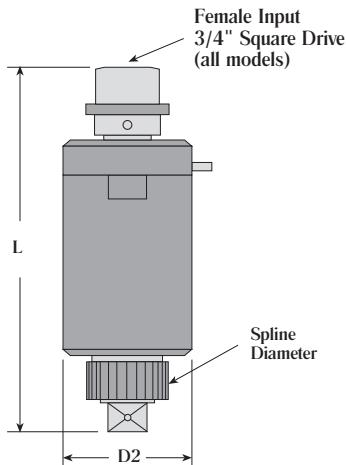
\*Not fitted with Anti-Windup.

\*\*All models supplied with Reaction Foot, except HG-80 supplied with Reaction Ring.

### DRIVE SIZE, DIMENSIONS and WEIGHT

Model	Square Drive Male Output	Spline Dia. mm	D2 mm	Length		Weight lbs.
				in.	mm	
H-10*	3/4"	41	85	7	180	8
H-15*	1"	41	85	7.9	200	8.8
HG-10	3/4"	54	85	7	180	8
HG-15	1"	54	85	7.9	200	8.8
HG-20	1"	54	85	9.3	235	13.3
HG-30	1 1/2"	72	98	9.8	250	15.6
HG-40	1 1/2"	72	123	11	280	33
HG-50	1 1/2"	72	148	11	280	35.3
HG-60	1 1/2"	91	173	11.4	290	61.8
HG-80	2 1/2"	*	275	14.2	360	128

\*Weights do not include reaction device.



### KEY FEATURES

- Accuracy better than  $\pm 5\%$ .
- Precision tightening and loosening of all heavy duty fastening connections.
- For operation in combination with a torque wrench.
- Torque Multiplication Ratio - low energy input with high torque output.
- Compact design allows for operation in space-restricted applications.
- Ideal tool for applications where air and electricity aren't easily accessible.
- Most models furnished with anti-windup ratchets allowing jobs to be performed easily, efficiently and safely.
- Shear pin at input drive protects gearbox in case of torque overload.
- Constructed with quality steel.
- Each tool contains extra shear pins and torque multiplication selection chart.

### Accessories



### 6 PT. IMPACT SOCKETS

A wide range of durable sockets available.

See Page 01.14



### RETENTION RING

Holds a reaction foot, bar or ring on the Multiplier.

See Page 01.13



### RATCHET END



### RENTAL!

Torque Multipliers are part of our Rental Program. Ask a customer service representative about availability.