

# HG

## Hand Multiplier

Model	Item #	Maximum Torque Output		Torque Multiplication Ratio	Gear Ratio
		lb.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

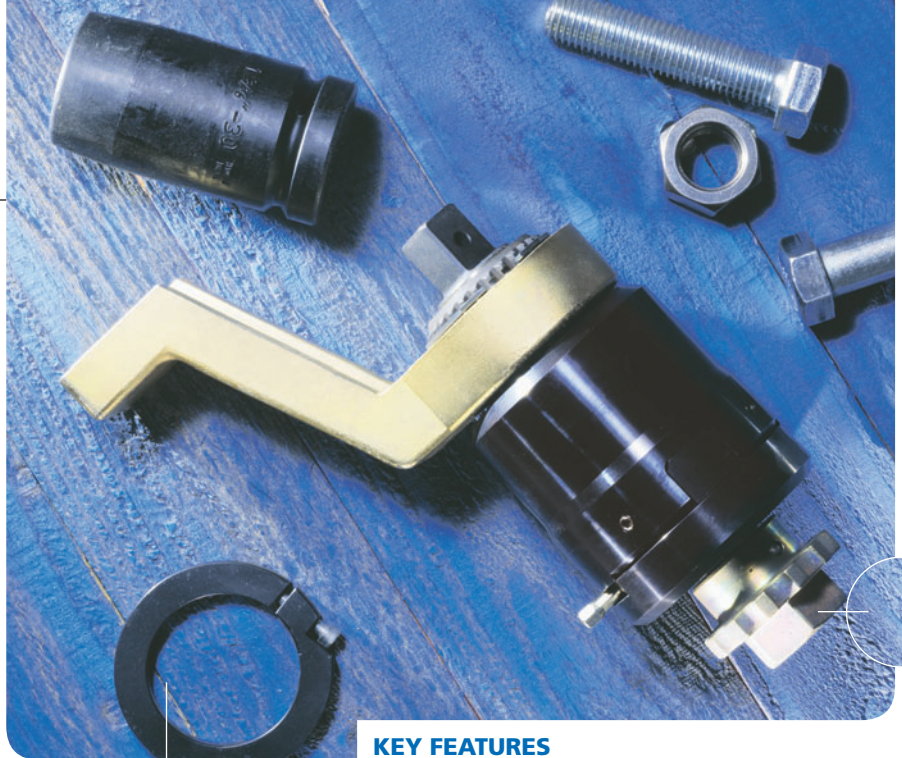
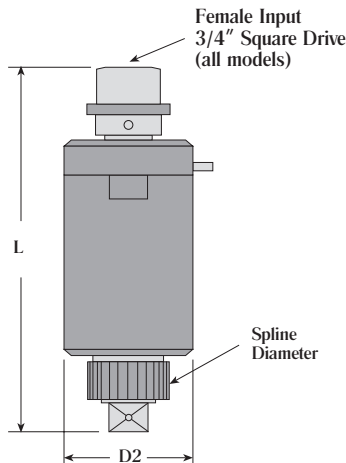
\*Not fitted with Anti-Windup.

\*\*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 O6.8



### RETENTION RING

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

SEE PAGE O5.14



### RATCHET END



### RENTAL!

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