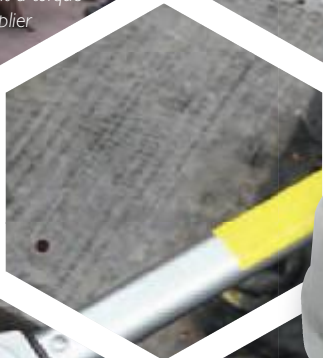


HANDTORQUE™ TORQUE MULTIPLIERS

For reducing the effort of applying high torque, safely

- Multipliers consist of one or more precisely engineered gear stages
- Handtorques are typically offered in ratios of 5:1, 25:1 or 125:1 for easy calculation of input torque
- Multiplication accuracy of better than $\pm 4\%$
- Anti Wind-up ratchets that eliminate backlash for safer and more comfortable operation are available on most models
- A wide selection of reaction arms make Handtorque Multipliers adaptable for most applications
- Electronic torque transducers available for most models for precise torque control



HT3 1300 N·m

HANDTORQUE™ HT3 TORQUE MULTIPLIER

For tough, versatile and well priced multiplier kits

- True 5:1 torque multiplication
- Supplied with two reaction styles for maximum versatility
- Supplied in carry case
- Ideal for heavy vehicle tool kits

Range N·m	Model
1300	HT3/1300
2700	HT3/2700

Handtorque Compact Series HT-92



HT-52 Series



HANDTORQUE™ COMPACT SERIES

For applications where compact size and weight are critical

- The smallest and lightest multipliers available for their output
- HT-52 combined with a suitable torque wrench has a combined weight of under 3.5 kg – half the weight of a typical 1,000 N·m torque wrench

Range N·m	Model
1000	HT-52
2000	HT-72
4000	HT-92
7000	HT-119

HANDTORQUE™ SMALL DIAMETER AND STANDARD SERIES

For the most comprehensive selection of manual torque multipliers

- Models from 1,700 to 300,000 N·m for every conceivable application
- Hugely versatile reaction system with both standard and customised arms available
- Precision engineered for accuracy and durability
- The Norbar HT range is unrivalled in both breadth and quality

Range N·m	Models
1700	HT1 & HT2
3000	HT30
3400	HT5 & HT6
4500	HT45
6000	HT7 & HT60
9500	HT9
20000	HT11
34000	HT12
47500	HT13
300000	HT18