

▼ Shown from left to right: E291, E393, E494



## Accurate, Efficient Torque Multiplication

When accurate make-up or break-out of stubborn fasteners requires high torque

- High-efficiency planetary gear sets achieve high output torque from low input torque
- Most models operator protected by anti-backlash device
- Multiplier output accuracy  $\pm 5\%$  of input torque
- Reversible, tighten or loosen bolts
- Reaction bar or reaction plate type
- Angle-of-turn protractor standard on E300 series models
- Reaction plate models offer increased versatility with reaction point locations
- E300 and E400 series replaceable shear drives provide overload protection of internal power train
- One replacement shear drive is included with each E300 and E400-Series models



### Typical Torque Multiplier Applications

- Locomotives
- Power plants
- Pulp and paper mills
- Refineries
- Chemical plants
- Mining and construction
- Off-road equipment
- Shipyards
- Cranes



### ▼ SELECTION CHART

Torque Multiplier Type	Nominal Torque Output		Model Number
	(Ft.lbs)	(Nm)	
Reaction Bar Multiplier	750	1020	<b>E290PLUS</b>
	1000	1358	<b>E291</b>
	1200	1627	<b>E391</b>
	2200	2983	<b>E392</b>
	3200	4340	<b>E393</b>
Reaction Plate Multiplier	2200	2983	<b>E492</b>
	3200	4339	<b>E493</b>
	5000	67879	<b>E494</b>
	8000	10,846	<b>E495</b>