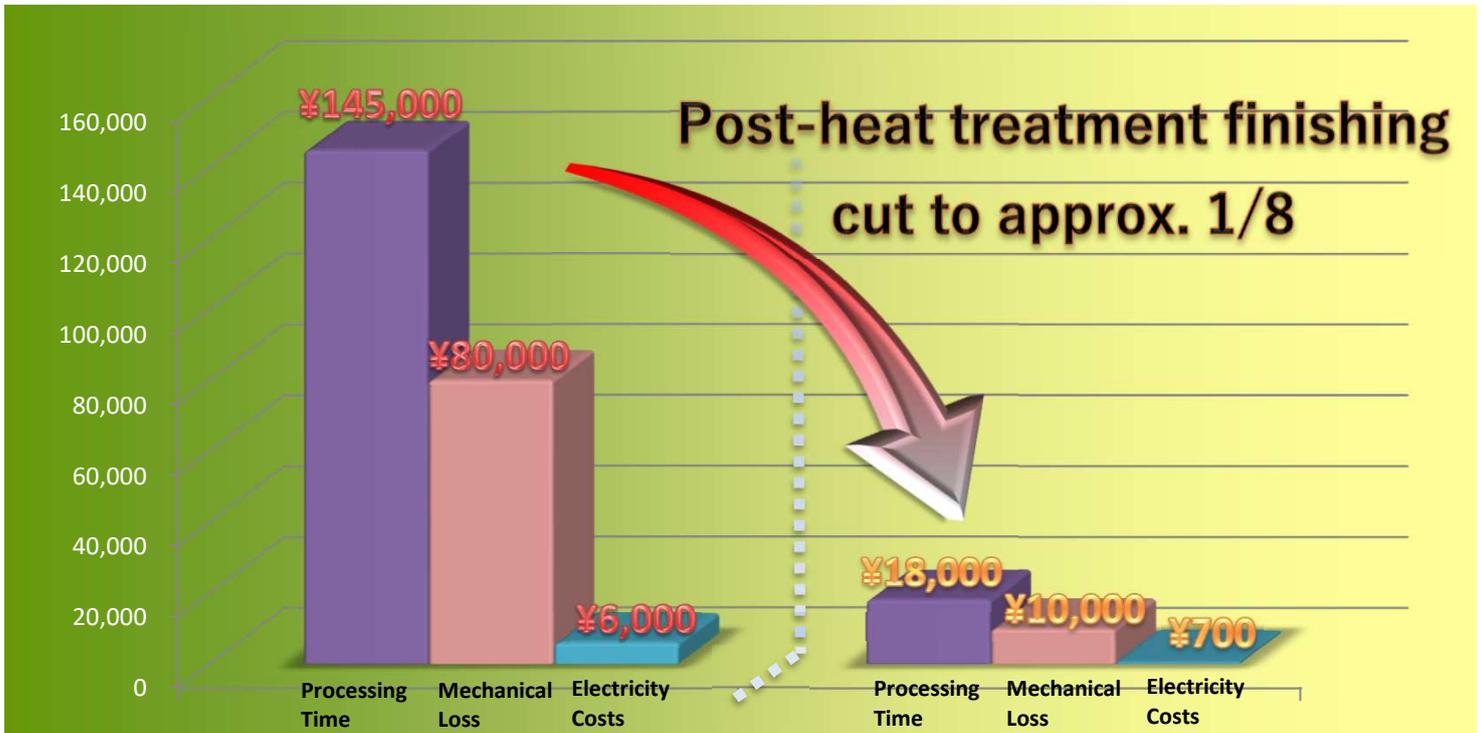
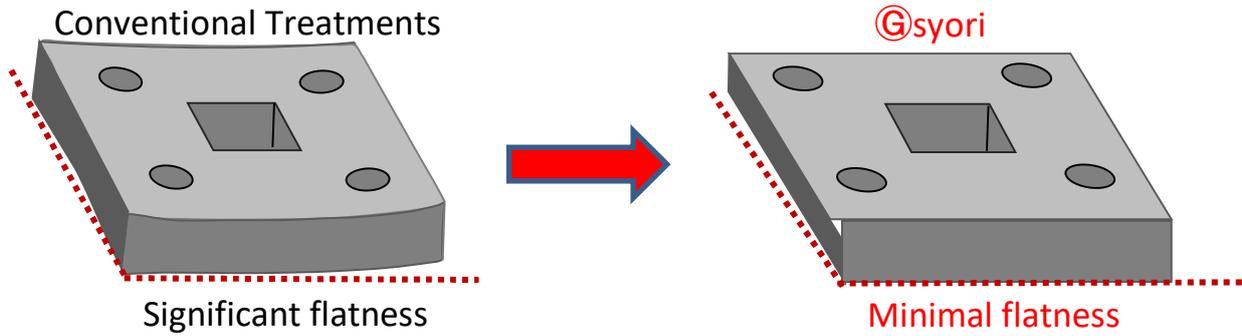


Flatness-Minimizing Heat Treatment Technology



A proprietary technology that minimise post-heat treatment flatness to **0.01–0.03 mm**

Press Stamping Die (Size A3)



	Conventional Treatments	Gsyori	Benefits
Comparison of Required Grinding Margin, Die Plate			
Required Grinding Margin	0.3mm~	~0.05mm	③④⑥⑦
Comparison of Post-Heat Treatment Finishing (Leveling/Grinding, Fine Adjustment, Etc.)			
Processing Time (Costs)	1/2 day – 2 days (¥36,000–145,000)	A few minutes – 2 hours (¥1,000–18,000)	③④⑤⑥⑦
Mechanical Loss: Cutting Tools (Costs)	Significant consumption (¥20,000–80,000)	Minimal consumption (¥5,000–10,000)	
Electricity/Cutting Oil (Industrial Waste)	Significant quantities used (¥1,500–6,000)	Minimal quantities used (¥30–700)	
Impact of Finishing-Related Residual Stresses, Etc.			
Residual Stresses	Significant	Minimal (Or None)	①②
Aging Distortion	Significant	Minimal (Or None)	

Legend: ① increased precision, ② extended lifespan, ③ shortened lead time, ④ reduced costs, ⑤ reduced environmental impact, ⑥ reduced energy consumption, ⑦ reduced resource consumption