Typical cos phi
industrial plants

Some examples of cos phi found in the various applications that we have approached over the years.

The application listed represents an average of how much has been collected and each plant, based on the loads and characteristics, can have different values.

Plant / Load Type	Cos phi
Steelworks	0.6 - 0.75
Sharpeners	0.5 - 0.65
Paper mills	0.65 - 0.75
Cements	0.7 - 0.8
Shopping centres	0,8
Administrative Centres	0,8
Data Centers (CED)	0.75 - 0.85
Extruders	0.65 - 0.75
Induction Furnaces	0.80 - 0.85
Cooling units	0.75 - 0.85
Hotels	0.8 - 0.85
Plants with co-generation systems	0.3 - 0.9
Mechanical Industry	0.65 - 0.75
Food Industry	0.75 - 0.85
Automotive Industry	0.65 - 0.75
Ceramics Industry	0.5 - 0.65
Wood industry	0.65 - 0.75
Packaging industry	0.65 - 0.75
Pharmaceutical Industry	0.75 - 0.85
Plastics Industry	0.5 - 0.65
Uncorrected LEDs	0.35 - 0.6
Oil & Gas	0.65 - 0.75
Hospitals	0.75 - 0.85
Hydraulic presses	0.65 - 0.75
Rewinders	0.5 - 0.65
Welding machines	0.5 - 0.65
Glassworks	0.65 - 0.75