

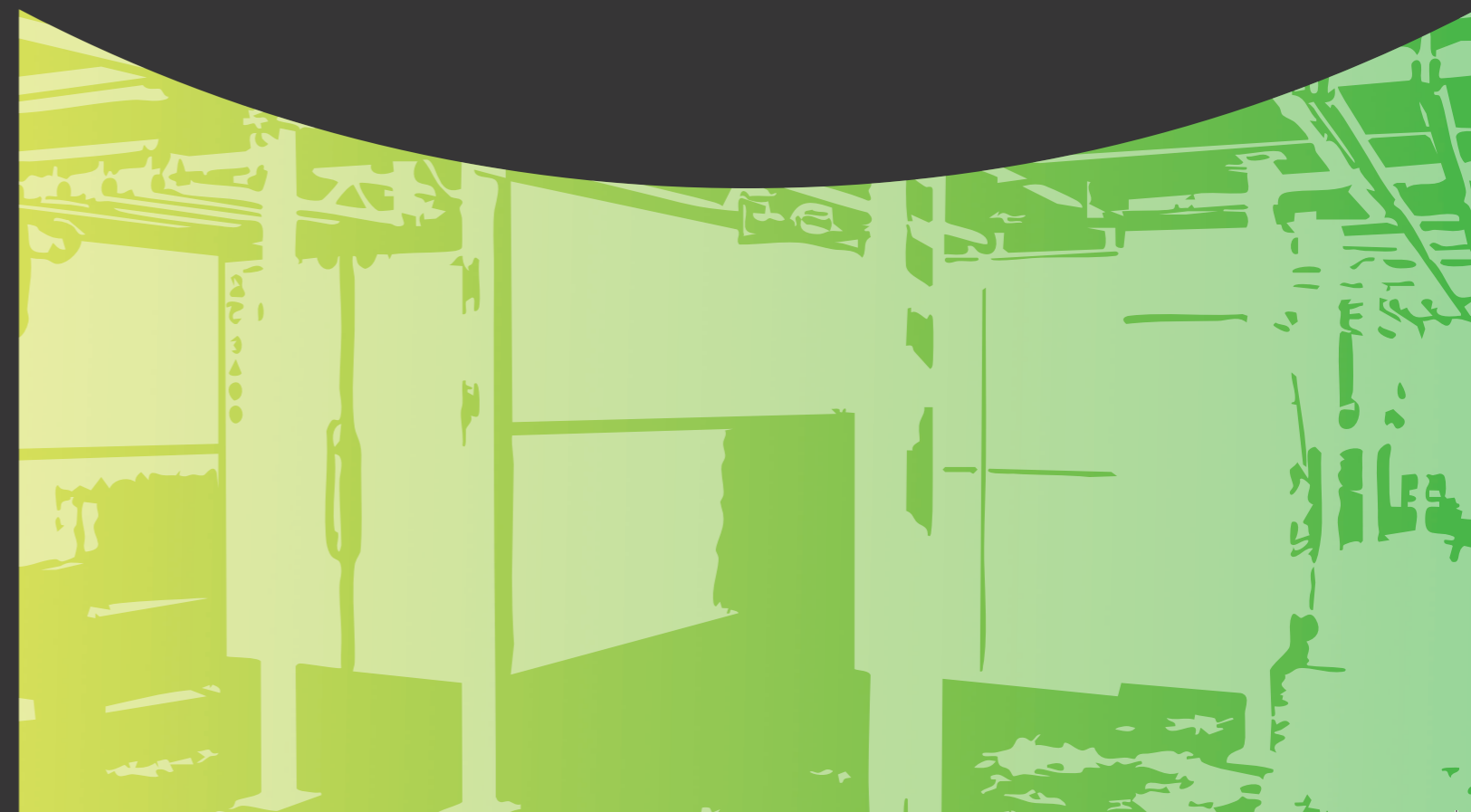
cipi[®]



POWDER COATING

cipi[®]

Bystrická cesta 2761 || 034 01 Ružomberok || Slovensko
cipi@cipi.sk || www.cipi.sk





At **CIPI s.r.o.** we specialise in machining and finishing of steel and aluminium, backed by a long-standing commitment to excellence and innovation. Our advanced technology and equipment enable us to deliver top-quality services and long-lasting coatings for a wide range of industrial applications.

TECHNOLOGY

Powder coating is a modern, sustainable solution for metal finishing, offering multiple advantages over traditional techniques.

During the process, an electrostatically charged powder is applied to the metal surface and polymerised in a high-temperature kiln. The result is a durable and visually appealing finish that provides outstanding protection.



Powder coating

Technical parameters
of the powder coating shop

Maximum dimensions of the coated product:
8.5m x 2.5m x 0.9m (length x height x width)

Weight per lug:
750 kg

Immersion Bath Pre-Treatment:
Graded preparation ensures each material undergoes thorough and correct pre-treatment before coating is applied.

Sandblasting Surface Pre-Treatment Performed According to ISO 8501-1 on SA 21/2 grade:
Performed by continuous automatic sandblaster with a roller conveyor

Sweeping (Light Sandblasting) Preparation:
Slight roughening of hot-dip galvanised surfaces.

Drying Process after Chemical Preparation in the Immersion Bath:
Drying oven ensures materials are perfectly dry before the application of powder coat.

Centrifugal Casting Machine with Fast Swapping:
Enables fast colour changes, increasing efficiency and flexibility

Automatic and Manual Spray Guns:
A set of 10 automatic spray guns, complemented by 2 manual finishing guns, provides precise and uniform coverage even on complex geometries.

Kiln:
Operating at temperatures up to 200°C, with uniform hot-air distribution, our kiln ensures excellent adhesion and durability of the coated surface.