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$$m = 50 \text{ t} = 50\,000 \text{ kg}$$

$$g = 10 \frac{\text{N}}{\text{kg}}$$

$$p = 62,5 \text{ kPa} = 62\,500 \text{ Pa}$$

$$S = ? [\text{m}^2]$$

$$p = \frac{F}{S}$$



$$S = \frac{F}{p}$$

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$$F = m \cdot g$$

$$F = 50\,000 \cdot 10$$

$$S = \frac{500\,000}{62\,500}$$

$$F = 500\,000 \text{ N}$$

$$S = 8 \text{ m}^2$$

Styková plocha pásu musí mít obsah 8 m^2 .