Watermarks — User Guide

Add configurable PNG or JPEG watermarks statically to new and existing PrestaShop product photos, preview results safely, and restore clean originals anytime.

1. How Watermarks Works (Static File Architecture)

`Watermarks` (`watermarks`) applies PNG or JPEG watermark overlays to PrestaShop product photos statically during upload, import, or batch processing — delivering standard static images at full CDN/web-server speed with zero runtime PHP overhead on storefront requests.

> **Non-Destructive Clean Originals**
>
> Before applying any watermark, the module preserves a clean copy of the original image under `modules/watermarks/var/originals/` and tracks applied outputs in database tables. You can adjust position, opacity, or watermark graphics anytime and regenerate cleanly without stacking watermarks on top of older marks.

2. Back-Office Configuration Settings

Open configuration under `nalezny.cz > Watermarks` in the Back Office sidebar or `Modules > Module Manager > Watermarks > Configure`.

Option	Description & Guidance
Automatic upload processing	When enabled, newly uploaded or imported native product photos are automatically watermarked immediately. Defaults to disabled after installation until configured.
Watermark image	PNG (recommended with transparent background) or JPEG up to 2 MiB and 2048 × 2048 px. An inline checkerboard preview displays the active logo immediately in the form.
Corner	Placement anchor: Top left, Top right, Bottom left, or Bottom right.
Width (% of image width)	Proportional width relative to each target product thumbnail size (default 15–20%).
Opacity (%)	Watermark transparency percentage; lower values keep product details unobstructed.
Margin (% of shorter side)	Padding distance from chosen corner edges proportional to shorter dimension (default 3%).
Image sizes	Multi-select list of PrestaShop product image types (e.g. `large_default`, `product_main`). Unselected sizes remain clean without watermarks.

3. Live Preview & Batch Catalog Processing

1. **Preview safely before running a batch:** Use the Preview panel directly under the settings form to search any existing catalog product, pick a photo and size, and inspect rendered results safely without modifying catalogue files.
2. **Apply to existing catalogue:** Click *Apply watermark to catalogue* in the Catalogue regeneration panel. Processing runs asynchronously in small resumable steps with progress bars and error reporting.
3. **Pause, resume, cancel, or retry:** You can safely pause an active batch, resume later, cancel, or retry failed items.

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4. Cache-Busting & Restoring Clean Images

Automatic Cache Busting (hookAdaptImageLink)

Updating watermarks bumps the internal URL version token via `hookAdaptImageLink` (`?wmv=...`) so browsers and CDNs fetch newly watermarked images right away without requiring manual cache flushing.

If you need clean unwatermarked product photos or plan to uninstall the module:

- **Restore clean images:** Click *Restore clean images* in the Catalogue regeneration panel. The module restores all tracked image types from saved originals across the entire catalogue and automatically disables future automatic watermarking.
- **Complete active batches:** Complete any running restore or apply batch and resolve reported file errors before disabling or uninstalling the module.
- **Third-party imports:** Bulk import scripts that bypass PrestaShop image hooks may add unwatermarked photos; simply re-run a batch whenever needed to apply watermarks across newly imported catalogue items.

5. Verification & Support

PrestaShop CLI Commands

```
# Clear production cache after module upgrades
php bin/console cache:clear --env=prod

# Upgrade module via CLI
php bin/console prestashop:module upgrade watermarks
```

Technical Support

For custom adjustments, enterprise integration, or questions about Watermarks on PrestaShop 9.2+:
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