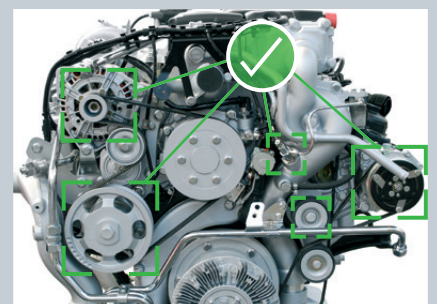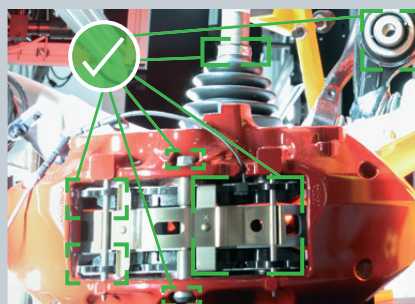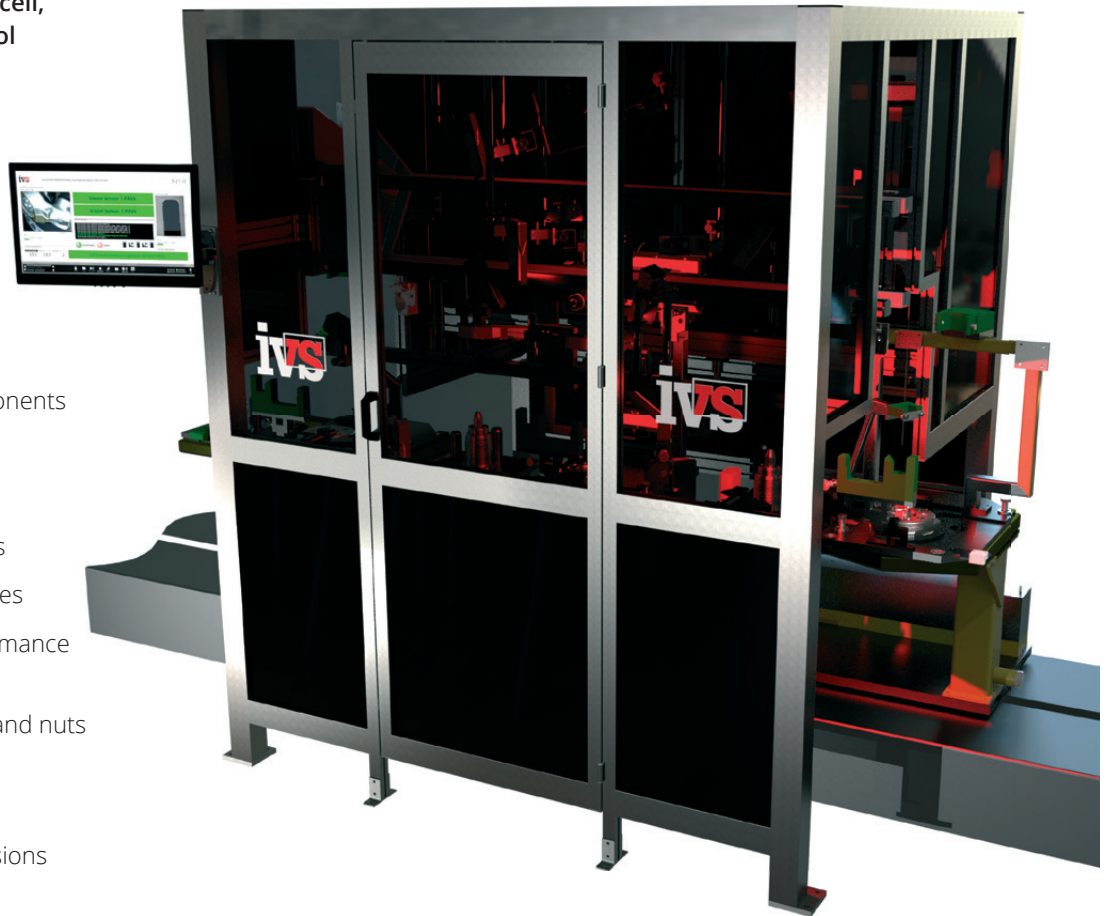**IVS**
INDUSTRIAL VISION SYSTEMS LTD

Sub-Assembly Vision Inspection IVS-ASAi

A highly flexible fully automated complete sub-assembly inspection and conformance inspection cell, providing 100% quality control checks using machine vision.

Ideal for automated quality control checking:

Automotive sub-assemblies

Complete engine inspection

Front axle corner assemblies

Gearbox units

Front fascia and console components

Drivetrain assembly parts

Body in white parts

Alternator assemblies and parts

Automotive electronic assemblies

Complete sub-assembly conformance to manifest

Caps, inserts, screws, washers and nuts

Automotive radiator parts and assemblies

Measurement of critical dimensions

Color matching of components

Headliner and plastic part checks

Code and ID Conformance

Type verification

The quick to install and flexible machine vision solution – ASAi - from Industrial Vision Systems lets you automate repetitive and critical inspection tasks covering complete sub-assemblies to check conformance to manufacturing standards. ASAi uses artificial intelligence vision systems to provide mission critical quality inspection criteria across the entire automotive sub-assembly build cycle.

With adaptable cameras and vision sensors to provide complete coverage of even the largest parts, ASAi inspects from complex to the most mundane tasks, freeing up your employees' time to add value to other stages of automotive production.

ASAi is very easy to program, offers fast set up, is highly accurate and provides peace of mind in final quality acceptance.

Features and benefits:

100% inspection of every assembly manufactured

Frees up operators from mundane and repetitive inspection tasks

Store and review HD quality images of every product manufactured

Save key statistical data and information

Utilises state-of-the-art artificial intelligence vision sensors

Guarantees quality leaving the factory

Quick to install and easy to program

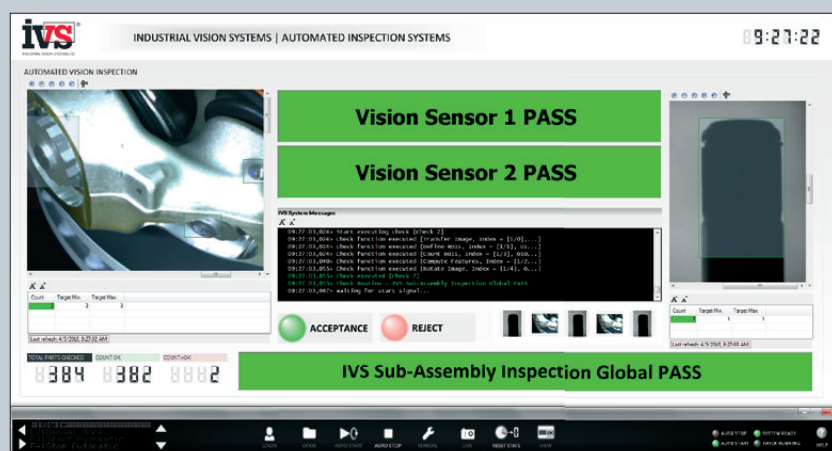Custom built possibilities on request

Easy maintenance

Ideal for automotive, tier 1 and tier 2 manufacturers

Options:

Integrated robot control

Additional reject and linear axis control

About IVS

Founded in 2000, IVS is now one of Europe's leading specialists in inspection machines and artificial intelligence vision products – supplying customers all around the world and building an unrivalled reputation for innovation, quality and precision in machine vision systems for inspection, guidance and identification.