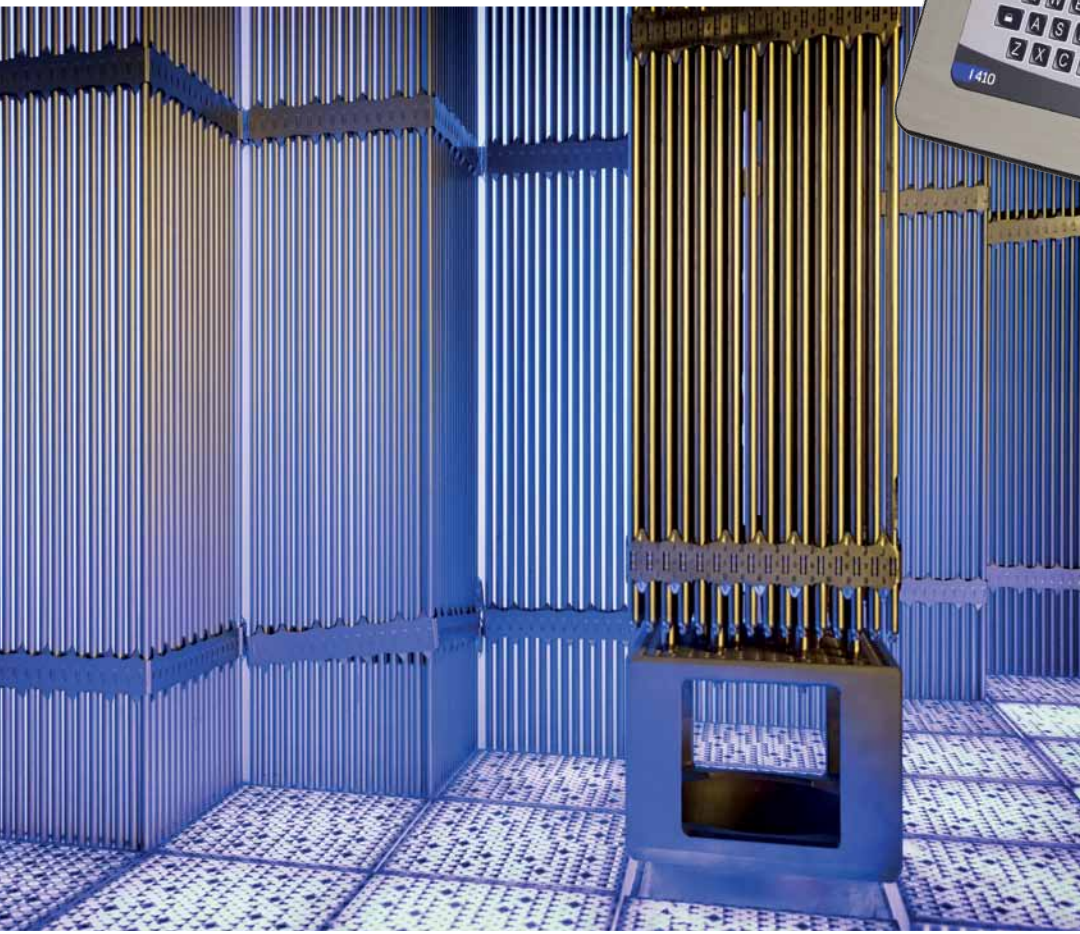


THE NUCLEAR INDUSTRY

WEIGHING SYSTEMS FOR ALL STEPS OF
THE COMBUSTIBLE PROCESS CHAIN





CLASS II SCALE

- Especially designed for the nuclear market, it is the first high capacity scale that is entirely fitted with Class II certified strain gauge load cells **(18t/1kg capacity, i.e. an accuracy 5 times higher than traditional models)**.
- Removing all moving mechanical parts ensures great reliability, performance sustainability and easy maintenance. Available in a wide range of sizes and capacities, it performs sales weighing for the various models of UF6 containers.

EXTRACTION

MINERALS



MINERAL WEIGH
truck dumper weighbridge



CONCENTRATION
continuous bulk
weighing

CONCENTRATION

YELLOW CAKE



SECURED EXTERNAL CONNECTIONS



MARKETING PF PRODUCTS
generated by conversion and enrichment operations



Class II scales for sales transactions and hazardous material transport follow-up



CENTRIFUGATION
on-site pump skid weighing

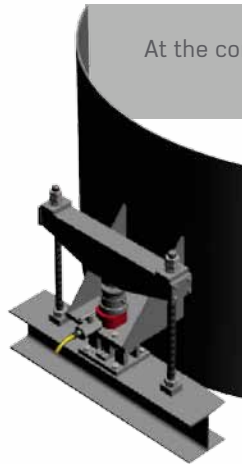


ENRICHMENT

ENRICHED



At the co



INTER-SITE TRANSFER FOLLOW-UP:
identification and traffic management peripherals

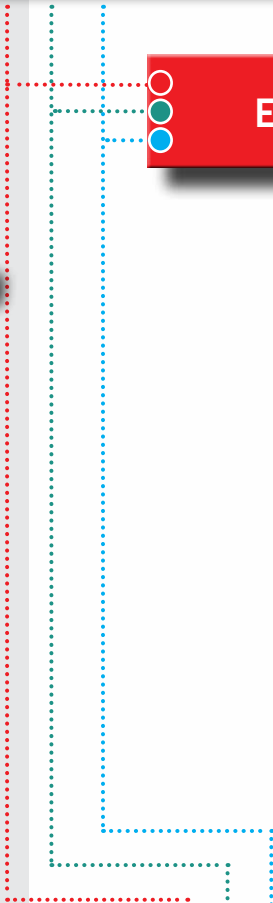


U308

CONVERSION

REP

UF6



EURATOM AIEA

PROCESS DRIVE

PRODUCT CHECKS

DECONTAMINATION OPERATIONS



- ▶ Weighing units adapted to specific limitations related to decontamination activities have been designed. Implementing redundant systems helps securing critical processes.

/ DEPLETED / URANIUM

FUEL MANUFACTURE



re of all weighing operations:
loadcells and indicators

UO₂ / MOX

ENERGY PRODUCTION

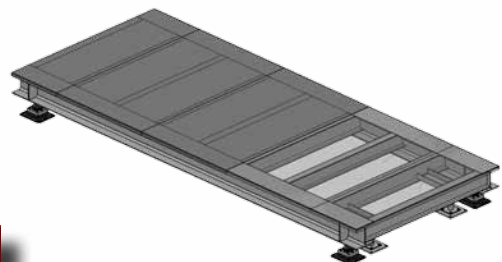


PLUTONIUM

CONVERSION



LR35/LR65 CONTAINER WEIGHING
platforms and instrumentation



PROCESSING FLOW

REPROCESSING

preciamolen.com

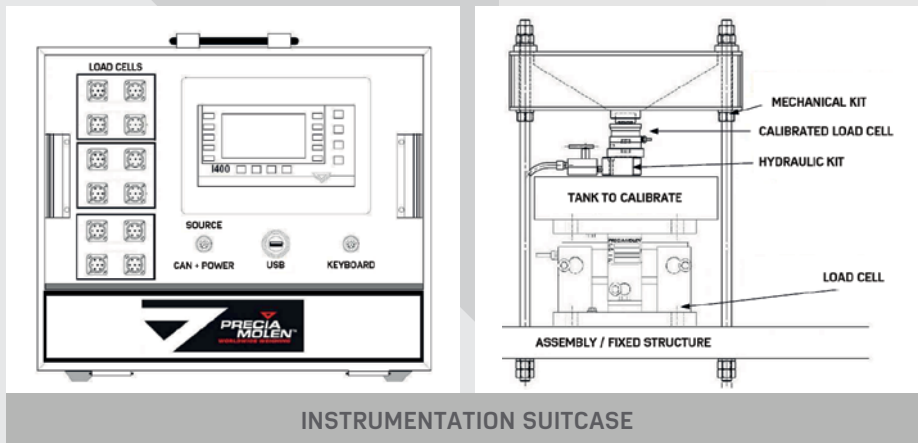
CALIBRATION TOOLS

- ▼ Most process installations include weighing load cells located under hoppers, tanks, or other autoclaves. As it is important to watch over measurement processes, regular calibration is necessary.

The following calibration means are commonly used:

- Standard weights and masses, which imply the presence of specific supports included in the original design.
- The injection of a liquid (water) and a measurement with a calibrated volumetric counter, provided it is compatible with the usual product.

- ▼ All containers must generally be totally discharged prior to the operation. To avoid all these restrictions, **PRECIA MOLEN** has designed calibration kits. The operating principle of these kits is to apply a simultaneous effort onto the working load cells and the load cells of the calibration kit. As they are easy to move and small-sized sets fitted with detachable connections, they can operate even in confined and cluttered spaces. Thanks to the instrumentation, results are saved and exported to ensure a complete tracking of operations.



QUALITY AND PROJECT MANAGEMENT

- ▼ **PRECIA MOLEN**'s activities are compliant with two quality certifications:
 - Equipment certification from Bureau Veritas, in reference with the ISO 9001 norm,
 - Expertise certification from LNE, in reference with the 2009/23/CE Directive, II.2 addendum.

An extra level of quality control has been set up: it defines the organisation with a specific project. On the basis of the ISO 10005 norm, the Quality Management Plan applies both to **before-sales management** and **project follow-up** per se:

- analysis of the consultation file,
 - study and costing requested from Engineering Department,
 - summary of internal offers to carry out the sales proposal,
 - schedule definition and follow-up,
 - project start and follow-up meetings,
 - design validations,
 - quality and technical documentation monitoring,
 - factory acceptance,
 - on-site installation and commissioning follow-up,
 - writing of final documentation.
- ▼ **PRECIA MOLEN** is able to meet all the requirements of field players, whether final users or solution integrators.



● **OUR
SUBSIDIARIES**

● **OVER
40 AGENTS
THROUGHOUT
THE WORLD**

PRECIA MOLEN WORLDWIDE PRESENCE

FRANCE
T +33 475 66 46 00
export@preciamolen.com

THE NETHERLANDS
T +31 765 24 25 21
sales@preciamolen.nl

UNITED KINGDOM
T +44 1527 590 300
sales@preciamolen.co.uk

IRELAND
T +353 18 35 30 84
sales@preciamolen.ie

BELGIUM
T +32 3 8 86 00 84
sales@molen.be

POLAND
T +48 12 411 50 50
biuropl@preciamolen.com.pl

CZECH REPUBLIC
T +420 296 554 226
sales@preciamolen.cz

INDIA
T +91 44 2454 2009
info@preciamolen.in

MOROCCO
T +212 5 22 70 69 05
preciamolenmaroc@menara.ma

NORWAY
T +47 47 47 15 47
post@preciamolen.no

BRAZIL
T +55 11 2364 3009
vendas@preciamolen.com.br

ROMANIA
T +40 216 681 384
alin.sarbu@preciamolen.fr

AUSTRALIA
T +61 4 99 79 00 57
sales@preciamolen.com.au

MALAYSIA
T +603 2785 6813
aspac@preciamolen.com

Precia-Molen reserves the right to alter the characteristics of the equipment described on this sheet at any time.