

IW 8040 A0

Container

Inspection and Maintenance In- struction

3 2 4 9 2 0 3 1 2 3 1 6 6 2 0 2 3 8 4 2 2 7 5 6 1 3 4 5 1 5 3 6 2 5 4 1

Vedligeholdelsesarbejde

Onderhoudswerkzaamheden
Maintenance work

维护工作

Intervento di manutenzione

Техобслуживание

Εργασία συντήρησης

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GE imagination at work



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1 Scope

This Inspection and Maintenance Instruction (IW) applies to the following Jenbacher containerised modules:

- Type 2 engines
- Type 3 engines
- Type 4 engines
- Type 6 engines

2 Purpose

This Inspection and Maintenance Instruction (IW) describes the maintenance interval and following activities:

- Checking the louvre shutters
- Tightening the bolted joints
- Replacing the container intake air filter

3 Maintenance interval

Maintenance work	Interval		
	Monthly	Annually	Vacuum > 400 Pa
Checking the louvre shutters	■		
Tightening the bolted joints		■	



Maintenance work	Interval		
	Monthly	Annually	Vacuum > 400 Pa
Replacing the container intake air filter			■

4 Safety information

WARNING



Personal injury

Failure to use personal protective equipment and comply with safety instructions or employee protection information may lead to personal injury.

- Wear the relevant personal protective equipment (PPE).
- Observe the safety instructions as per Technical Instruction 2300-0005.
- Observe the employee protection information as per Technical Instruction 2300-0001.

WARNING



Danger from unauthorised start-up!

- Shut down the engine in accordance with Technical Instruction No. 1100-0105.
- Secure the engine against unauthorised restarting in accordance with Technical Instruction no. 2300-0010.



WARNING



Danger of falling!

There is a danger of falling at a working height of 1.20 m and above.

- When working at a height above 1.20 m, where the provision of technical safeguards (e.g. handrails, work platforms, etc.) is either impossible or impractical, you should use personal fall arrest equipment consisting of a harness and associated equipment (safety rope, carabiner hook, damper, lanyard or height safety device)!
- Check the equipment for defects each time it is used and test it annually.
- If there is an increased danger of falling, an occupational health check is advisable regardless of the duration of the work, even if this only for brief periods, to establish the suitability of the employee for this work.



5 Additional information

Relevant documents:

TA 1100-0105 - Engine shut-down

TA 2300-0001 - Employee protection

TA 2300-0005 - Safety regulations

6 Work steps

6.1 Checking the louvre shutters

The end position switch triggering must be checked once a month with the louvre completely open (intake and outlet):

Testing the control circuit. The end position switch triggers the message: "LOUVRE(S) OPEN" - "LOUVRE(S) CLOSED"

Check that the actual position agrees with the message

6.2 Tightening the bolted joints

WARNING



Danger of falling!

There is a danger of falling at a working height of 1.20 m and above.

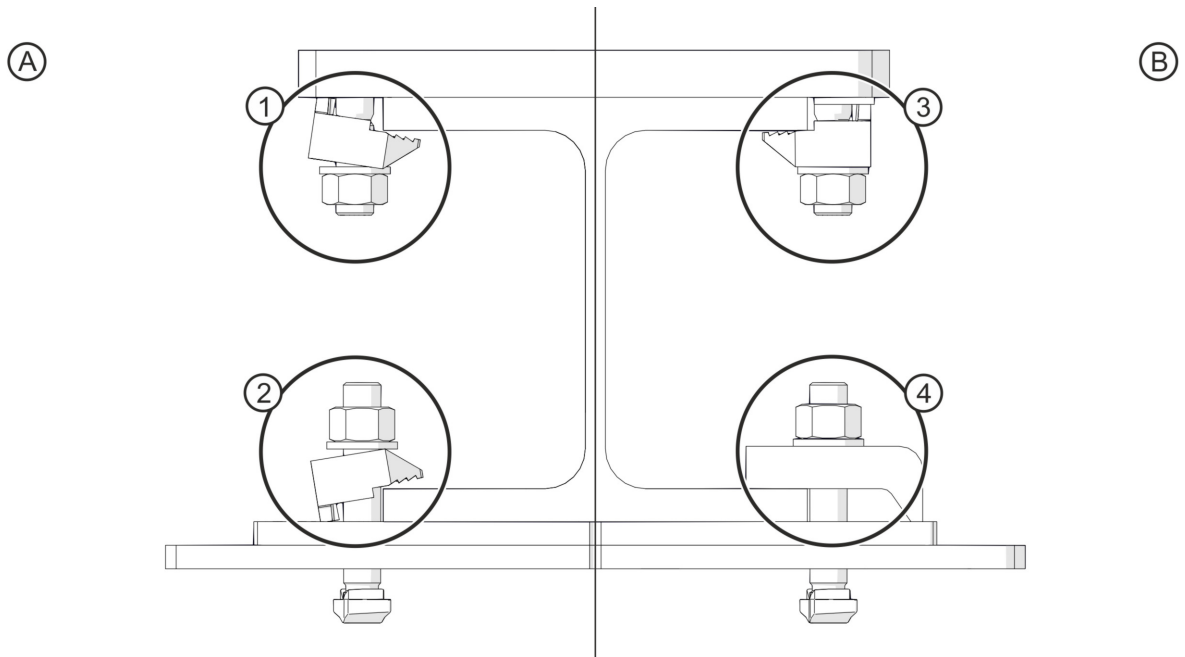
- When working at a height above 1.20 m, where the provision of technical safeguards (e.g. handrails, work platforms, etc.) is either impossible or impractical, you should use personal fall arrest equipment consisting of a harness and associated equipment (safety rope, carabiner hook, damper, lanyard or height safety device)!
- Check the equipment for defects each time it is used and test it annually.
- If there is an increased danger of falling, an occupational health check is advisable regardless of the duration of the work, even if this only for brief periods, to establish the suitability of the employee for this work.



Tighten all the bolted joints to the values set out below:

I-beam (I-180)

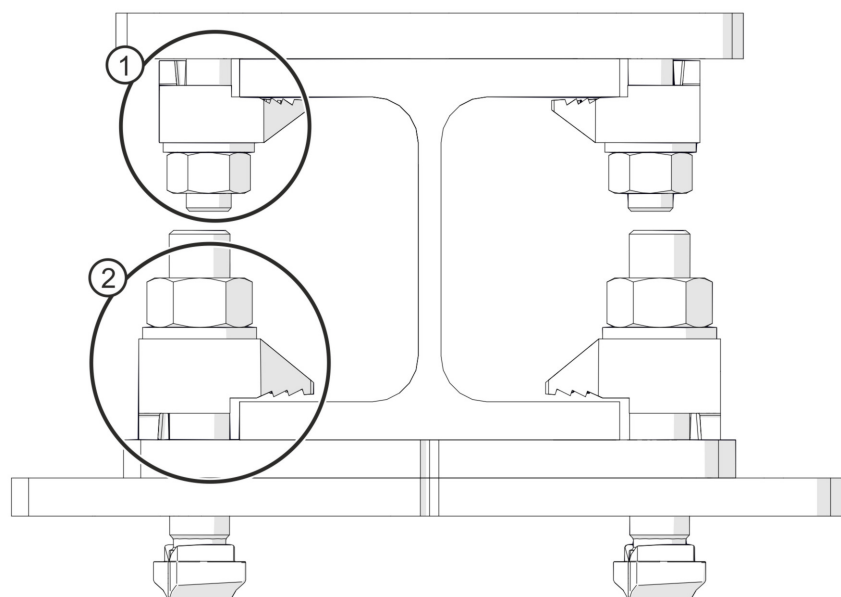
With the I-beam 180, two different versions may be installed:



I180 bolted joints

Version A		
①	Clamp at the top without spacer washer (M16)	100 Nm
②	Clamp at the bottom without spacer washer (M16)	100 Nm
Version B		
③	Clamp at the top with spacer washer (M16)	140 Nm
④	Clamping plate at the bottom	180 Nm

I-beam (I-100)



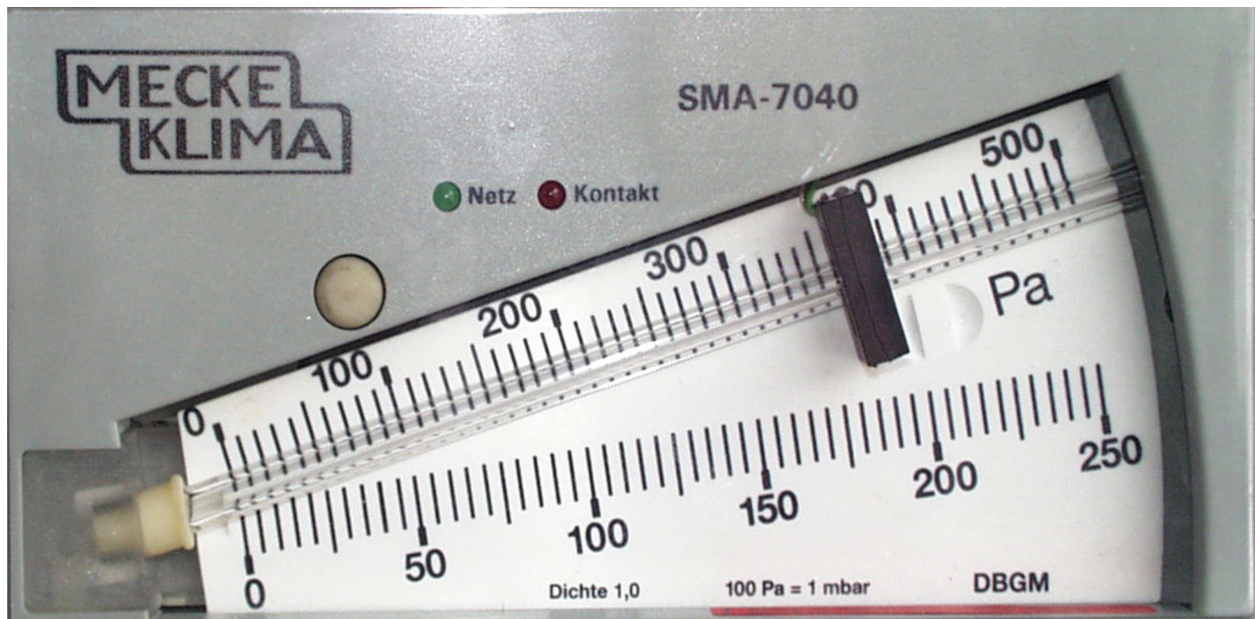
I100 bolted joints



①	Clamp at the top without spacer washer (M12)	70 Nm
②	Clamp at the bottom without spacer washer (M16)	140 Nm

6.3 Replacing the container intake air filter

If the underpressure exceeds 400 Pa (4 mbar), the filter inserts should be replaced.



7 Revision code

Revision history

Index	Date	Description / Revision summary	Expert Auditor
3	30.06.2017	Wartungsschritt "Schraubverbindungen nachziehen" hinzugefügt / Maintenance work "Tightening the bolted joints" added	Petrik G, Andoro Kreics E. <i>Hájas T.</i>
2	18.02.2014	Grundlegende Überarbeitung / Fundamental revision	Kecht <i>Madl</i>
1	26.05.2010	Umstellung auf CMS / Change to C ontent M anagement S ystem ersetzt / replaced Index: a	Provin <i>Bilek</i>

