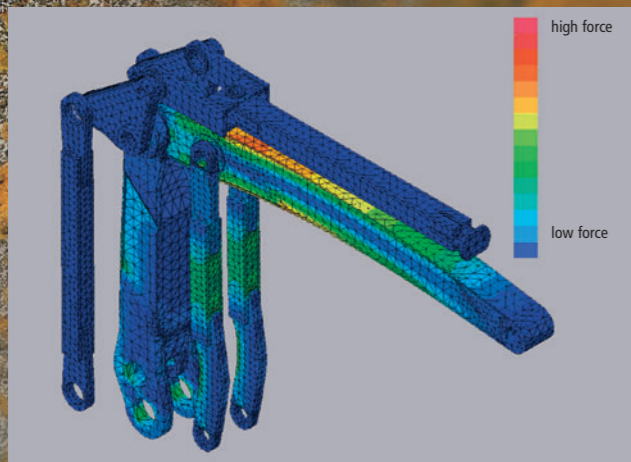




Andromat® AMX Manipulators



The Working arms of the Andromat® AMX shown after a Finite element – Load Analysis.

PROVEN DESIGN

The layout based on a large number of details, so each request can be solved with the most effective solution. Henschel Industrietechnik HandlingSystems the industry leader with vast amounts of experience. With nearly 600 Andromat® manipulators worldwide operated daily in foundries and forges. This know-how in application and development is reflected by the engineering advancements in the Andromat® AMX manipulators. We are looking forward to finding a solution for your individual material handling needs.

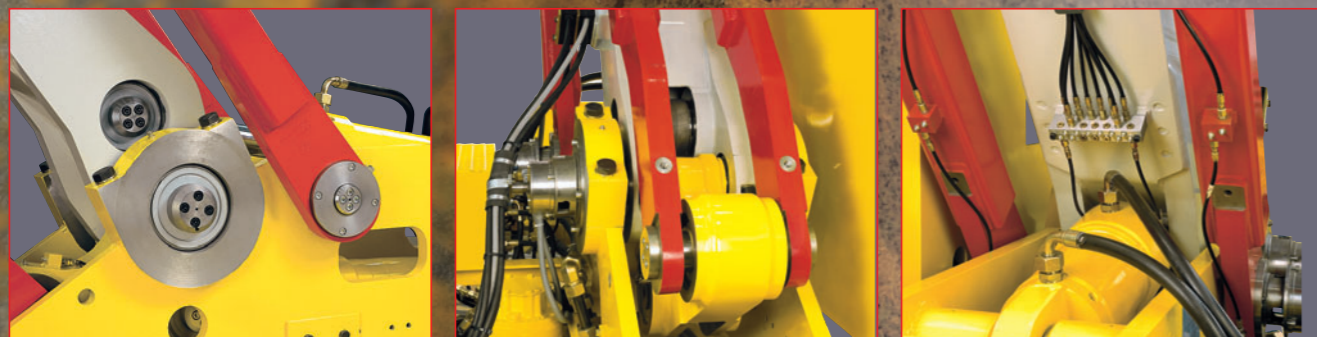
INNOVATED MECHANICS

- Best operating comfort due to the new-style swivel connection of the positioner: The continuous 360° rotation of the gripper offers infinite versatility.
- The fluid motion of all components working together produces an extension of the operators arm.

EXCELLENT ERGONOMICS

To protect the operator from the stress caused by the rough environment, the ergonomics of the Andromat® AMX have been essentially redesigned:

- High capacity air-conditioning (optional) and fresh air supply into the cabin incl. dust free air,
- mechanical separation of the cabin by special rubber-metal swing elements (e.g. cushion against low frequent vibrations),
- optimal sight due to oversized windows. Isolation against noise and heat available on demand.



HIGH LIFTING CAPACITY

The benefits of the Andromat® AMX shown in great detail:

- More robust, low-maintenance spherical plain bearings,
- all bearings are protected from dirt and moisture contamination,
- Increased axle diameters.



EFFICIENT SIMPLICITY

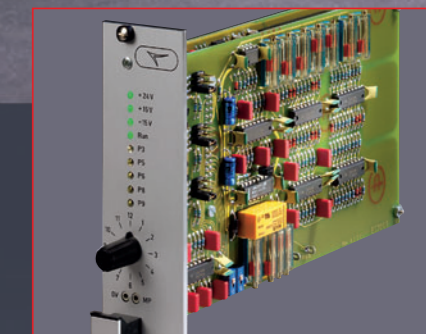
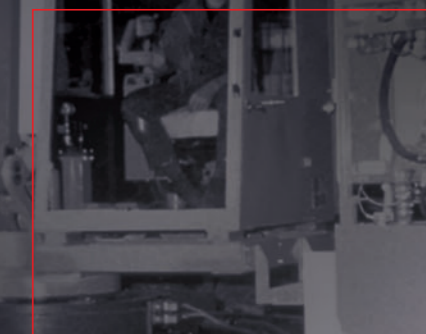
The machine concept allows for decreased maintenance by:

- Reducing and concentrating of greasing points,
- optimized routing of the hydraulic hoses for the positioner.



ELEGANT CONTROL SYSTEM

- Proven reliable PLC design,
- all movements for the axles azimuth, shoulder and elbow are controlled by one single electronic card,
- simplified diagnosis due to a special maintenance mode,
- Touchpanel (optional) for advanced diagnostics.



GREATER BENEFITS FOR FOUNDRIES AND FORGES

Robustness, RAS facilities, ergonomics, dynamic, high precision and sensitivity – these are the main features of the Andromat® AMX family developed especially for the growing requirements in foundries and forges.

AMX 20 The dynamic solution for lower payloads.

AMX 40 The convincing solution for medium payloads.

AMX 60 The powerful solution for higher payloads.

AMX 80 The heavy duty solution.

The Andromat® AMX family – the powerful and clever assistant.

360°



Andromat® AMX Manipulators



Andromat® AMX 80



Andromat® AMX 20 AMX 20/C

Integrated shock absorber

Sliding door (optional)

Hydraulic power pack with Airoilcooler

ADVANCE COMPACT

The AMX 20/C represents a concept with an integrated hydraulic power pack.

Splitted bearing sections for the cylinders of AMX 20 und AMX 20/C

Andromat® AMX 40

Hydraulic power pack with Wateroilcooler

Integrated shock absorber

The positioner of the Andromat® AMX works on the Pantograph system.

The solution for heavy-duty applications in foundries and forges.

Henschel Industrietechnik GmbH
Henschelplatz 1
D-34127 Kassel
Phone: +49(0) 561 / 801-58 63
Fax: +49(0) 561 / 801-57 75
e-mail: andromat@henschelgroup.com
Internet: www.andromat.de

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