In an advantageous embodiment, the handling system is vertically adjustable between a first operational position, in which the handling element is movable underneath the cantilever, and a second operational position, in which the handling element is aside of the cantilever. In the first operational position, the handling element is movable underneath the cantilever and independent operations on the jacket or wells can for example be performed. In the second operational position, the handling element is aside of the cantilever, for example for handling equipment to/form the main deck, or for storage of the handling system, or for holding a container during retraction of the cantilever.

The invention also relates to a cantilever for mounting on a drilling installation, wherein the cantilever is provided with a handling system at a lower end thereof for handling equipment independent of drilling operations, wherein the handling system comprises a handling element that is arranged for movement underneath the cantilever.

The invention further relates to the handling system and to a method for performing independent operations underneath the drilling floor.

In view of the above, according to an aspect of the invention, there is provided a cantilever for mounting on a drilling installation, wherein the cantilever comprises a drilling floor for performing drilling operations, wherein the cantilever is extendible outside of the drilling installation; further comprising an independent operations handling system arranged for handling equipment underneath the cantilever independent of the drilling operations on the drilling floor; wherein the independent operations handling system comprises a handling element for cooperation with the equipment to be handled; wherein the handling element is movable underneath the cantilever; wherein the handling system is mounted to a side of the cantilever.

According to another aspect of the invention, there is provided a drilling installation comprising a drilling floor for performing drilling

operations, wherein the drilling floor is on a cantilever extendible outside of the drilling installation, wherein the cantilever is a cantilever as disclosed herein.

According to another aspect of the invention, there is provided a handling system configured for mounting to a side of a cantilever for handling equipment underneath the cantilever, comprising a handling element for cooperation with the equipment, wherein the handling element is configured to be movable underneath the cantilever.

According to another aspect of the invention, there is provided a method for performing operations on wells independent of drilling operations on a drilling installation with a cantilever extendible outside of the drilling installation, comprising providing a handling system for handling equipment to perform the independent operations to a side of the cantilever, wherein the handling system comprises a handling element for cooperation with the equipment, moving the handling element underneath the cantilever to a position in accordance with a determined well head.

According to another aspect of the invention, there is provided a drilling installation comprising a derrick and a drilling floor for performing drilling operations, wherein the drilling floor is on a cantilever extendible outside of the drilling installation and the derrick is positioned over the drilling floor; further comprising an independent operations handling system, connected to the cantilever, and arranged for handling equipment underneath the cantilever independent of to the drilling operations on the drilling floor such that drilling operations can continue uninterrupted by the handling of the equipment; wherein the independent operations handling system comprises a handling element for cooperation with the equipment to be handled; wherein the handling element is movable in a XY-plane underneath the cantilever.

According to another aspect of the invention, there is provided a cantilever for mounting on a drilling installation, wherein the cantilever is provided with a handling system at a lower end thereof for handling

equipment independent of drilling operations on a drilling floor at an upper end of the cantilever, wherein the handling system comprises a handling element that is arranged for movement in a XY-plane underneath the cantilever.

According to another aspect of the invention, there is provided a handling system configured for mounting to a cantilever for handling equipment underneath the cantilever, comprising a handling element for cooperation with the equipment, wherein the handling element is arranged for movement in a XY-plane.

According to yet another aspect of the invention, there is provided a method for performing operations on wells independent of drilling operations on a drilling installation with a cantilever extendible outside of the drilling installation, comprising providing a handling system for handling equipment to perform the independent operations, wherein the handling system comprises a handling element for cooperation with the equipment, moving the handling element in an XY-plane underneath the cantilever to a position in accordance with a determined well head.

Further advantageous embodiments are represented in the subclaims.

The invention will further be elucidated on the basis of exemplary embodiments which are represented in a drawing. The exemplary embodiments are given by way of non-limitative illustration.

In the drawing:

Fig. 1 shows a perspective view of a general arrangement of a drilling installation with a cantilever with a handling system mounted to the cantilever;

Fig. 2 shows an embodiment of the handling system mounted to a lateral side of the cantilever;

Fig. 3 shows a detailed view of the handling system of Fig. 2;