

Hardware enhancements

HR – electronic handwheels

You can move TNC-controlled machine axes by simply pressing the axis direction keys. A simpler and more sensitive way, however, is to use the electronic handwheels from HEIDENHAIN.

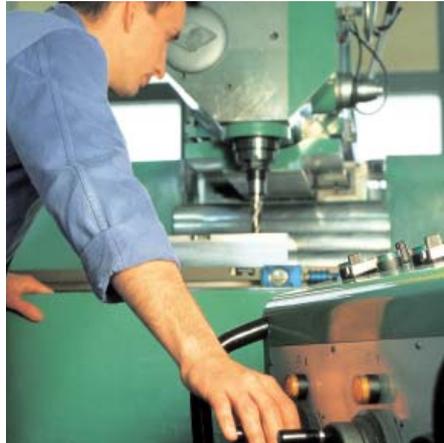
You can move the axis slide through the feed motors in direct relation to the rotation of the handwheel. For delicate operations you can set the transmission ratio to certain preset distances per handwheel revolution.

HR 130 and HR 150 panel-mounted handwheels

The panel-mounted handwheels from HEIDENHAIN can be integrated in the machine operating panel or mounted at another location on the machine. An adapter permits connection of up to three HR 150 electronic handwheels.

HR 410, HR 520 and HR 550 portable handwheels

The portable HR 410, HR 520 and HR 550 handwheels are particularly helpful for when you have to work close to the machine's working space. The axis keys and certain functional keys are integrated in the housing. This way you can switch axes and set up the machine at any time—regardless of where you happen to be standing. The integrated display of the HR 520 and HR 550 handwheels informs you directly of the most important operating conditions. As a wireless handwheel, the HR 550 is ideal for use on large machine tools. When you aren't using the handwheel you can simply place it in the HRA 551 FS handwheel holder (transmitter/receiver unit with integrated charging unit).



HR130



HR410



HR 520



HR 550

Electronic handwheel	TNC 640 HSCI		TNC 620 HSCI		TNC 320	iTNC 530 HSCI	iTNC 530
	With detent	Without detent	As of NC SW	As of NC SW	As of NC SW	As of NC SW	As of NC SW
HR 130	ID 540940-01	ID 540940-03	34059x-01	34056x-01/73498x-01	34055x-01	60642x-01	34049x-01
HR 150	ID 540940-06	ID 540940-07	34059x-01	34056x-01/73498x-01	34055x-01	60642x-01	34049x-01
HR 410	ID 535220-05	ID 296469-56	34059x-01	34056x-01/73498x-01	34055x-01	60642x-01	34049x-01
HR 410FS	ID 578114-11	ID 337159-21	34059x-02	34056x-02/73498x-02	34055x-06	60642x-01	34049x-07
HR 520	ID 670303-01	ID 970302-01	34059x-02	34056x-02/73498x-02	34055x-06	60642x-01	34049x-01
HR 520FS	ID 670305-01	ID 670304-01	34059x-02	34056x-02/73498x-02	34055x-06	60642x-01	34049x-07
HR 550FS	ID 602622-03	ID 598515-03	34059x-02	34056x-02/73498x-02	34055x-06	60642x-01	34049x-07
HRA 551 FS for HR 550FS		ID 731928-02	34059x-02	34056x-02/73498x-02	34055x-06	60642x-01	34049x-07

Installation by the user

For more information, see the catalogs *Information for the Machine Tool Builder*

Representante oficial de:



HEIDENHAIN

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