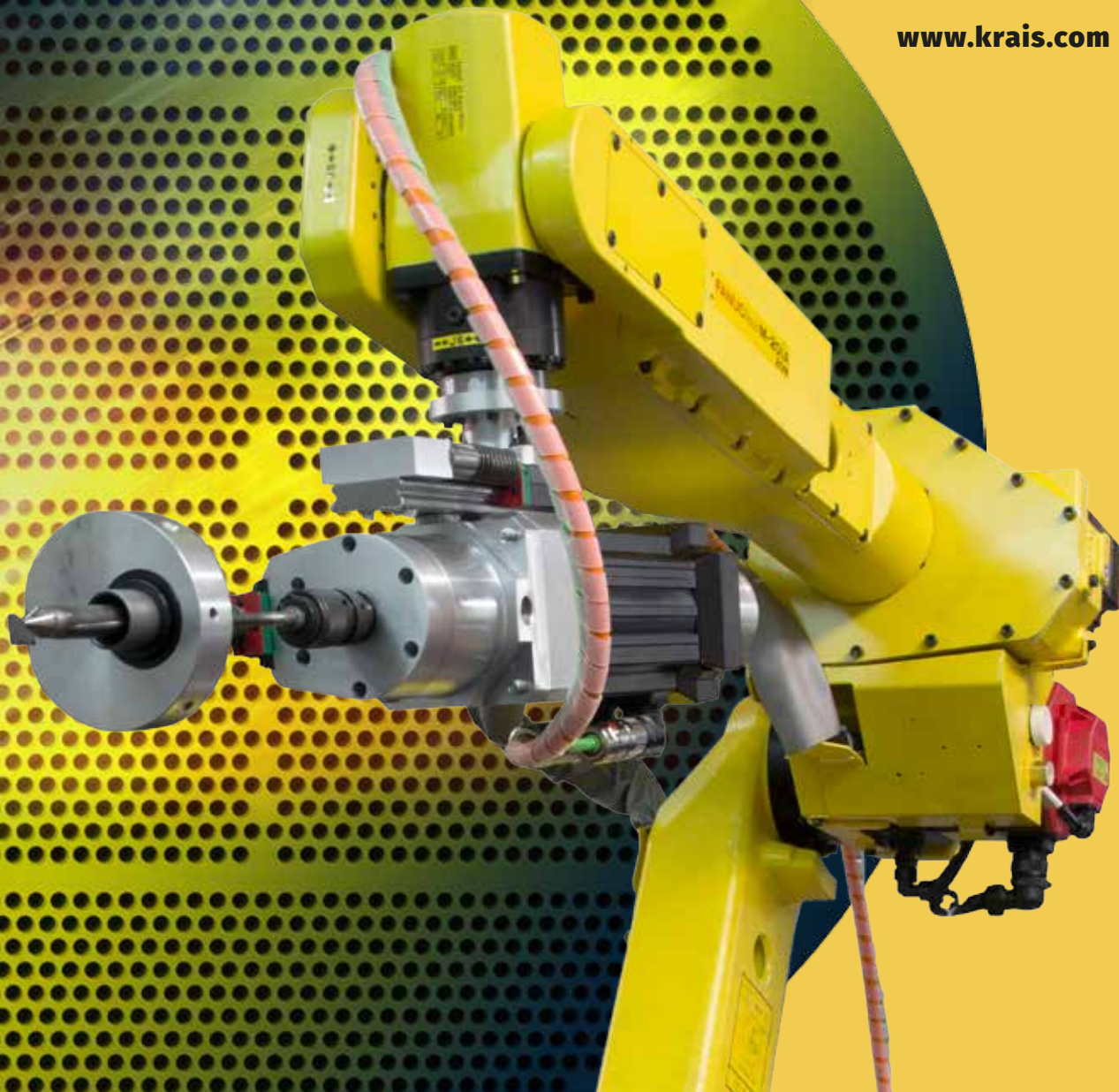




Original Manufacturer of the Equipment
TOOLS RENTAL AVAILABLE IN EUROPE

SwiftRoll X1

The only robot from tube expanding professionals

Fully automatic machine for
tube expansion, facing, tube
cutting and orbital tube to
tube sheet welding

2 SwiftRoll X1 – features

Fully automatic machine for tube expansion, facing, tube cutting and orbital tube to tube sheet welding.

STANDARD SETUP

- 6 axis FANUC robot with 1,2 m working reach radius.
- A special version of TES3000 for CNC – digital controller for speed and expansion managing.
- One professional KRAIS dual function drive.

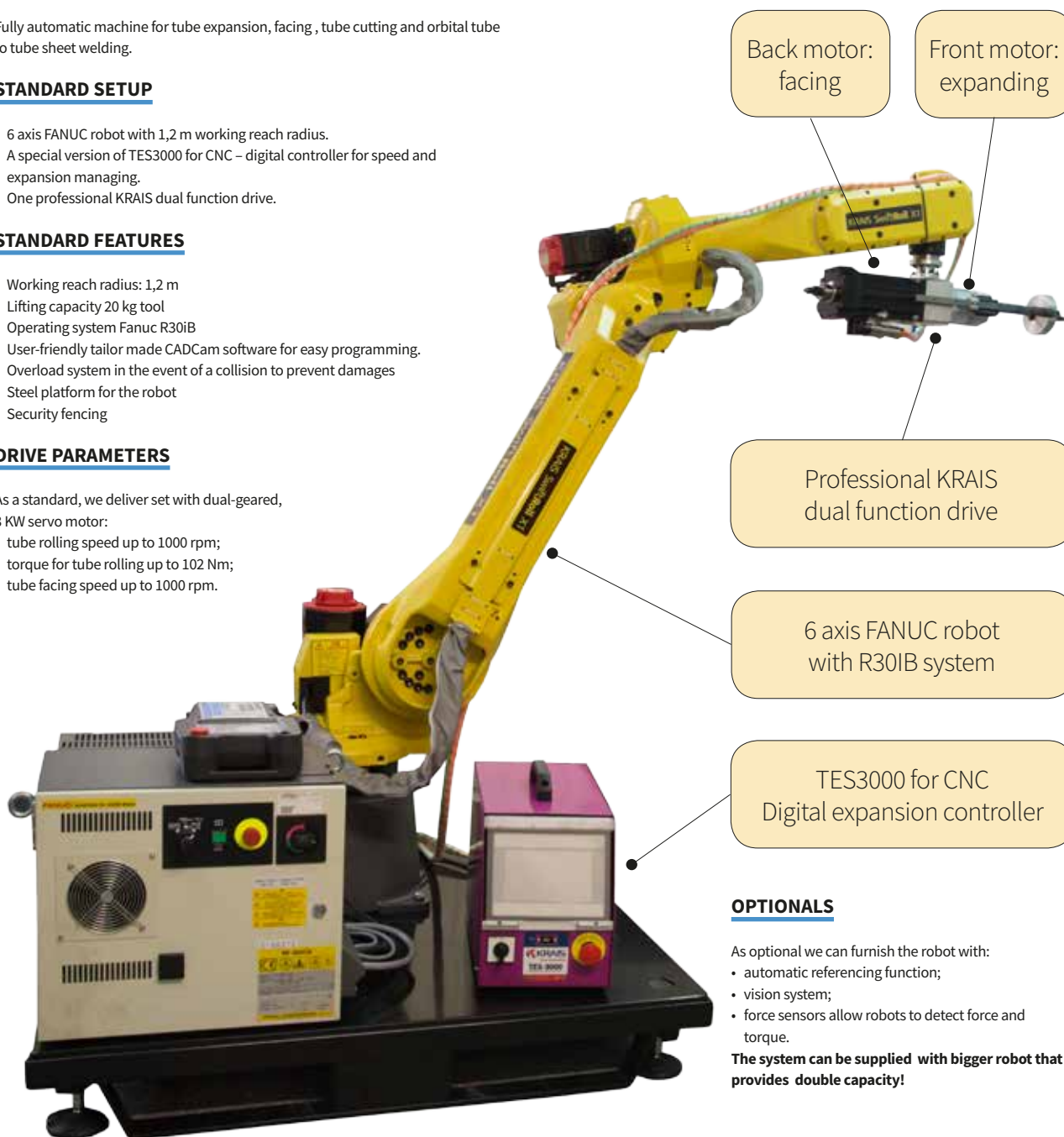
STANDARD FEATURES

- Working reach radius: 1,2 m
- Lifting capacity 20 kg tool
- Operating system Fanuc R30iB
- User-friendly tailor made CADCam software for easy programming.
- Overload system in the event of a collision to prevent damages
- Steel platform for the robot
- Security fencing

DRIVE PARAMETERS

As a standard, we deliver set with dual-geared, 3 KW servo motor:

- tube rolling speed up to 1000 rpm;
- torque for tube rolling up to 102 Nm;
- tube facing speed up to 1000 rpm.



OPTIONALS

As optional we can furnish the robot with:

- automatic referencing function;
- vision system;
- force sensors allow robots to detect force and torque.

The system can be supplied with bigger robot that provides double capacity!



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**KRAIS tools
in action!**

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