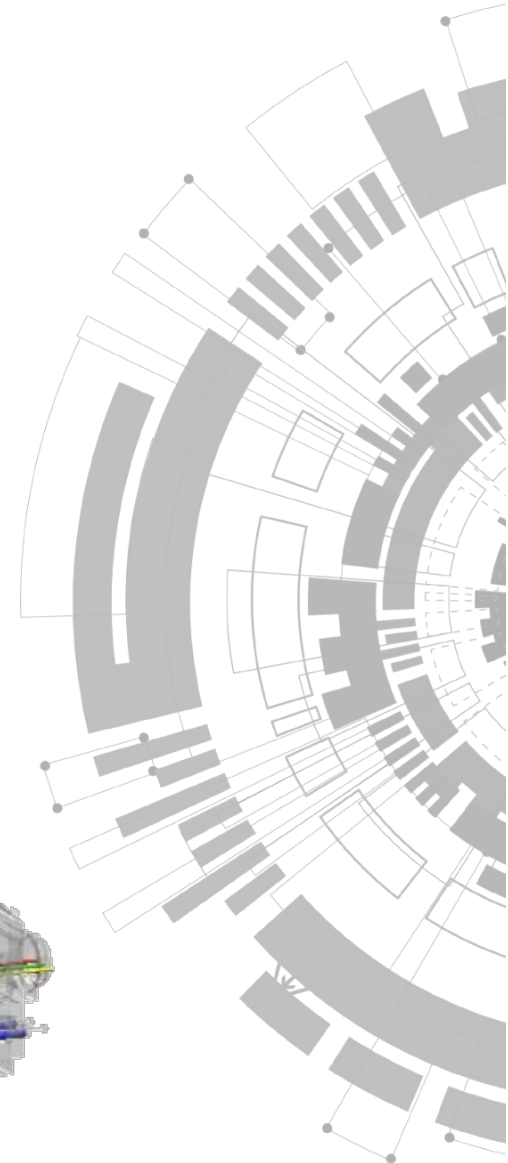
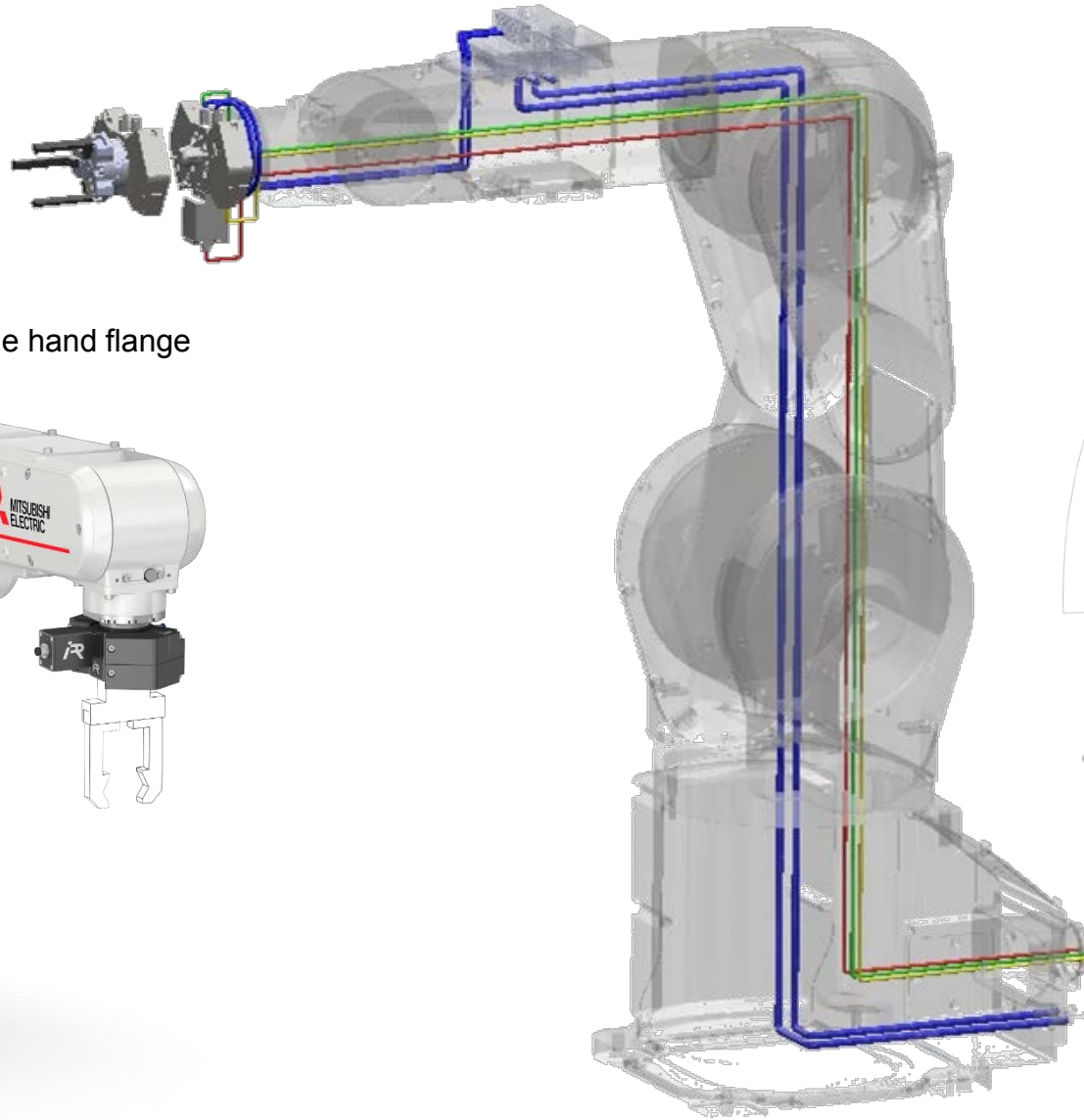


We ♥ Robots

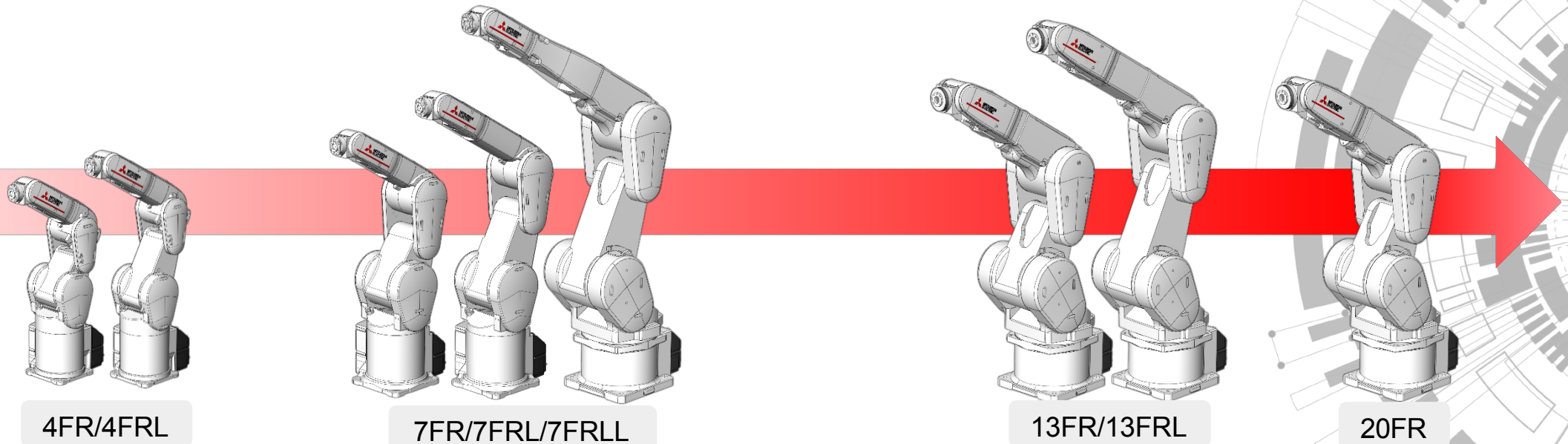
hidden cable solution

Internal cable routing

- No cable routing along the robot arm necessary
- Routing of cables and pneumatics inside the robot to the hand flange

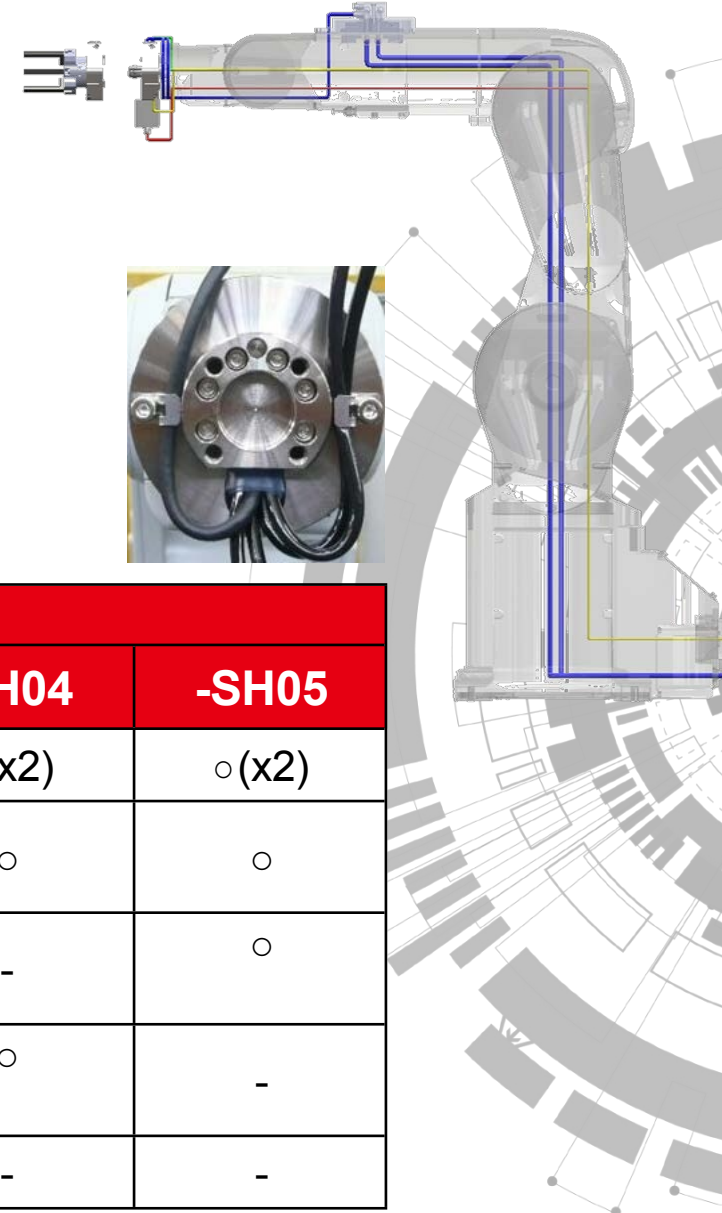


Which robot types support the solution?



What variants are available?

- Various combinations of pneumatic and electrical feed-throughs are available up to the 6th axis.



	Model				
	-SH01	-SH02	-SH03	-SH04	-SH05
Pneumatics ø 4	○(x4)	-	-	○(x2)	○(x2)
Gripper 8 points	○	○	-	○	○
Vision sensor*	-	○	○	-	○
Force sensor	-	○ (can be used for both devices)	○	○	-
Electric gripper	-		○	-	-

*1) The movement range of the J6 axis is ±200 degrees. The protection class is IP40

The correct electric gripper from our portfolio

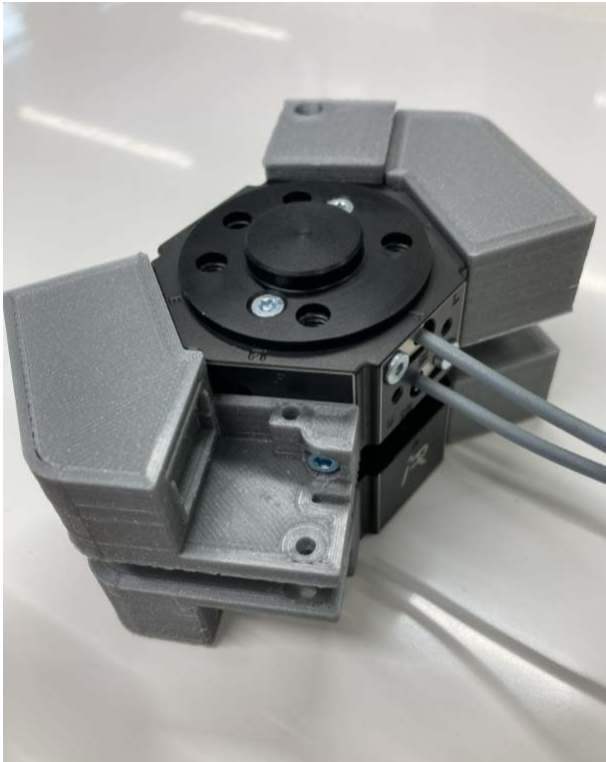
- The electric hand can be connected via a cable set or via the connections on the hand bottle of the SH02 and SH03 variants



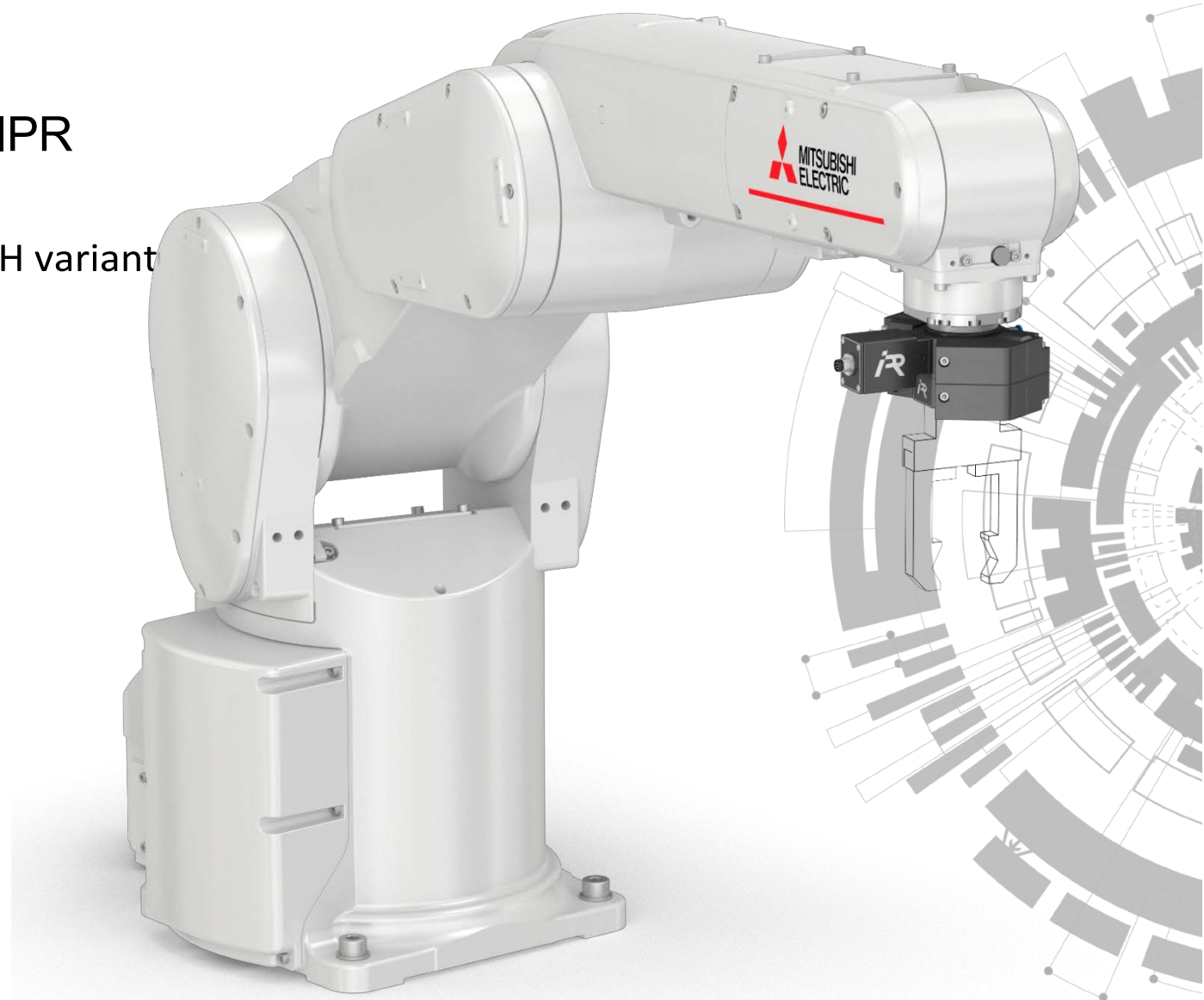
Model	Gripper baking	Type	Total stroke	Gripping force		
			[mm]	Max. [N]	Min. [%](N)	ed. [%](N)
4F-MEHGR-01	2	Single cam	3,2	5	30(1.5)	1(0,05)
4F-MEHGR-02			7,6	6	30(1,8)	1(0,06)
4F-MEHGR-03			14,3	22	30(6,6)	1(0,22)
4F-MEHGR-04		Spindle	38	150	30(45)	1(1,5)

The right gripper changing system from IPR

- A newly developed system complements the SH variant



- <https://www.iprworldwide.com/>



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