

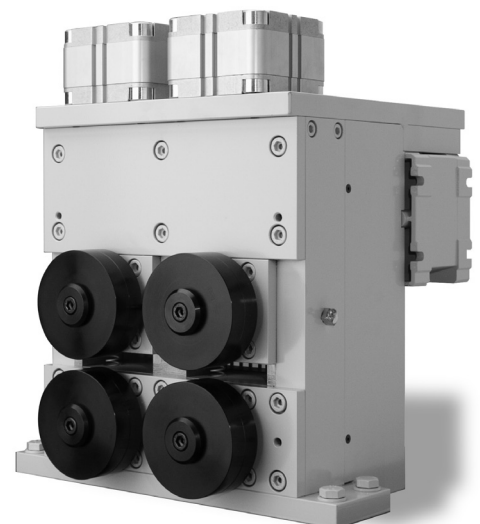
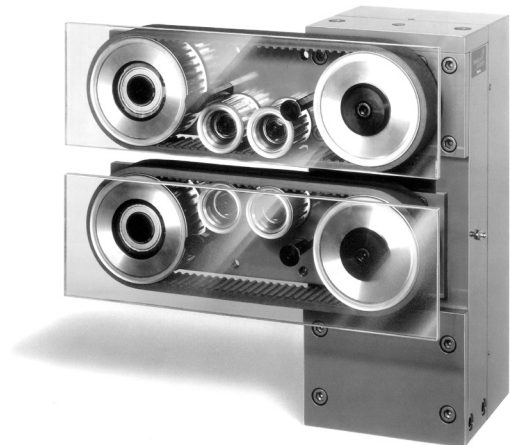
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Drive Units

Techna supply an extensive collection of Transportation and Drive Units, covering a wide variety of applications. Our range includes caterpillar units, two and four roll types alongside units specially designed to transport strip materials and minimise edge bow. They are suitable for use with a multitude of materials from plastic tube to hard-drawn steel wire and strip.

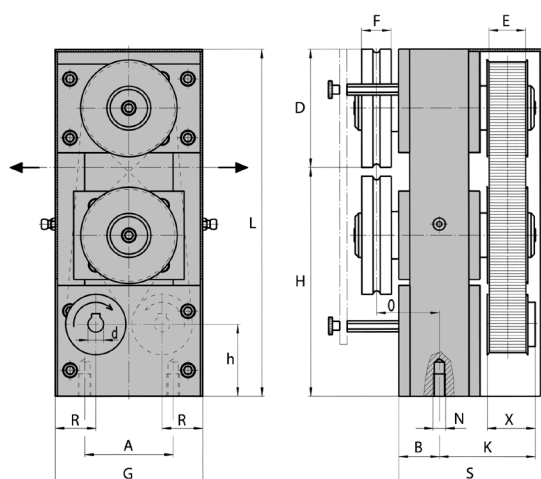
Our units can be fully customised to suit your application with a number of different options including pneumatic or hydraulic clamping actuation, automated quick release and positioning and custom sizing.

For further information, or for help in selecting and specifying the best solution for your application, please feel free to contact us.



NA - Two Roll Drive Units

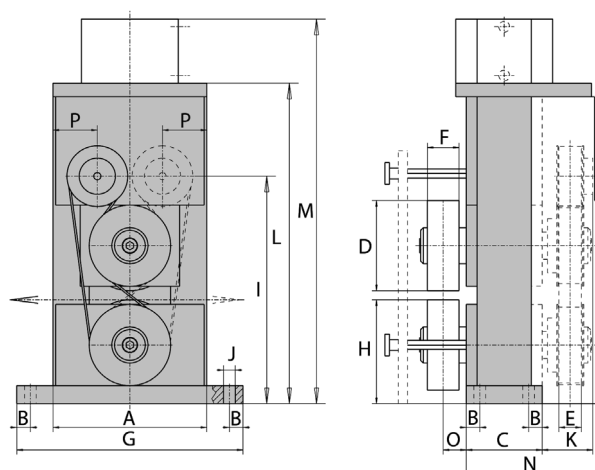
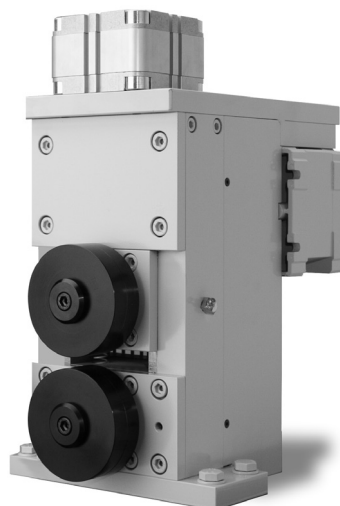
- Hydraulic Clamping
- One radius groove per roll as standard
- Second groove possible depending on material size



NA	Wire Diameter Ranges (mm) Ø		
mm	0.6 - 2	2 - 7	7 - 15
Order Ref.	NA 60	NA 100	NA 160
A	90	130	160
B	37.5	42	55
D	61	100	160
E	16	25	50
F	25	35	40
G	120	170	200
H	169.5	225	310
K	76.5	98	131
L	242	340	470
N	M12	M16	M20
O	55	67.5	85
R	38	49	55
h	80	88	97
i	1.28	1.35	1.6
X	27	40	66
S	125	143.5	196.5
Kg	17	41	96
P (bar)	6	6	6
M (Nm)	7	25	80
F ^T (kN)	0.25	0.62	1.6

NAS - Heavy Duty Two Roll Drive Units

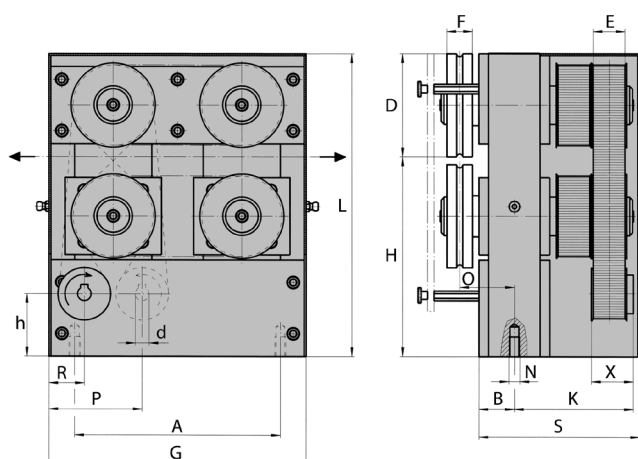
- Pneumatic Clamping
- One radius groove per roll as standard
- Second groove possible depending on material size



NAS	Wire Diameter Ranges (mm) Ø		
mm	0.6 - 2	2 - 7	7 - 15
Order Ref.	NA 60 S	NA 100 S	NA 160 S
A	120	170	200
B	15	15	20
C	75	84	110
D	61	100	160
E	25	25	50
F	25	35	40
G	200	250	300
H	72.5	115	165
I	162	252	378
J	13	13	17
K	39	56	76
L	257	355	495
M	320	426	601
N	126.5	143.5	196.5
O	17.5	25.5	30
P	38	49	55
i	1.28	1.35	1.6
Kg	20	45	100
P (bar)	6	25	45
M (Nm)	7	25	80
F ^T (kN)	0.25	0.62	1.6

NAD - Four Roll Drive Units

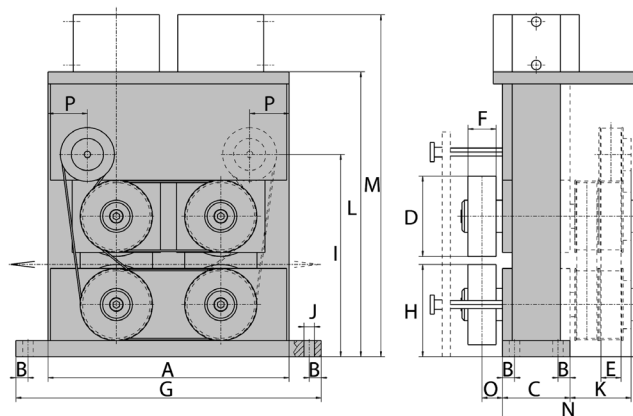
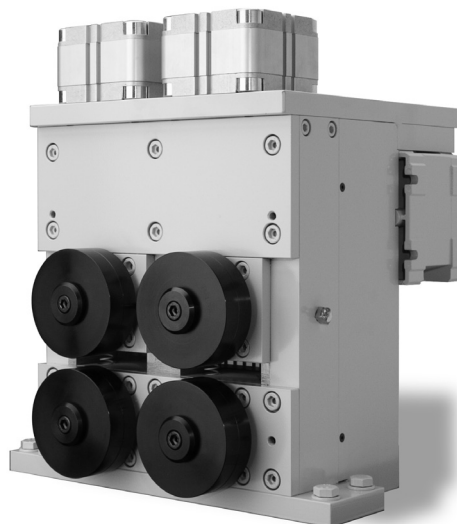
- Hydraulic Clamping
- One radius groove per roll as standard
- Second groove possible depending on material size



NAD	Wire Diameter Ranges (mm) Ø		
mm	0.6 - 2	2 - 7	7 - 15
Order Ref.	NAD 60	NAD 100	NAD 160
A	180	260	320
B	37.5	42	55
D	61	100	160
E	16	25	50
F	25	35	40
G	210	300	360
H	169.5	225	310
K	97.5	118	187
L	242	340	470
N	M12	M16	M20
O	55	67.5	85
P	82	121	145
R	38	49	55
h	80	88	97
i	1.28	1.35	1.6
X	27	40	66
S	145	172	255
Kg	31	72	160
P (bar)	6	6	6
M (Nm)	7	25	80
F ^T (kN)	0.25	0.62	1.6

NADS - Heavy Duty Four Roll Drive Units

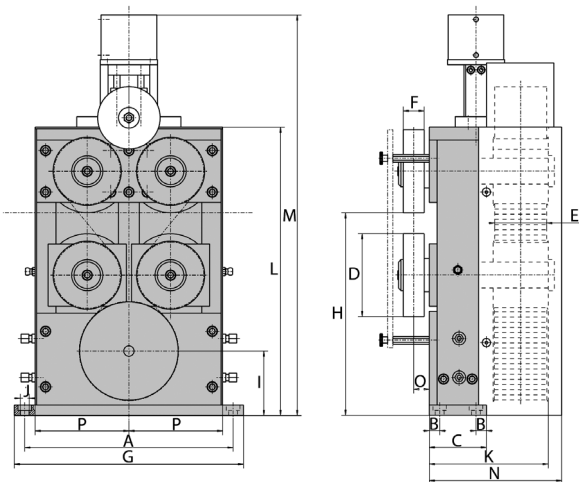
- Pneumatic Clamping
- One radius groove per roll as standard
- Second groove possible depending on material size



NADS	Wire Diameter Ranges (mm) Ø		
mm	0.6 - 2	2 - 7	7 - 15
Order Ref.	NAD 60 S	NAD 100 S	NAD 160 S
A	210	300	360
B	15	15	20
C	75	84	110
D	61	100	160
E	25	25	50
F	25	35	40
G	290	380	440
H	72.5	115	165
I	162	252	378
J	13	13	17
K	77.5	101.5	162
L	257	355	495
M	320	426	601
N	145	172	255
O	17.5	25.5	30
P	38	49	55
i	1.28	1.35	1.6
Kg	35	78	170
P (bar)	6	25	45
M (Nm)	7	25	80
F ^T (kN)	0.25	0.62	1.6

NADV - Heavy Duty Drive Unit for Larger Diameters

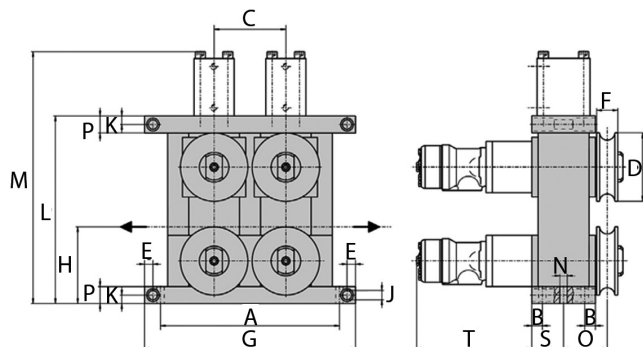
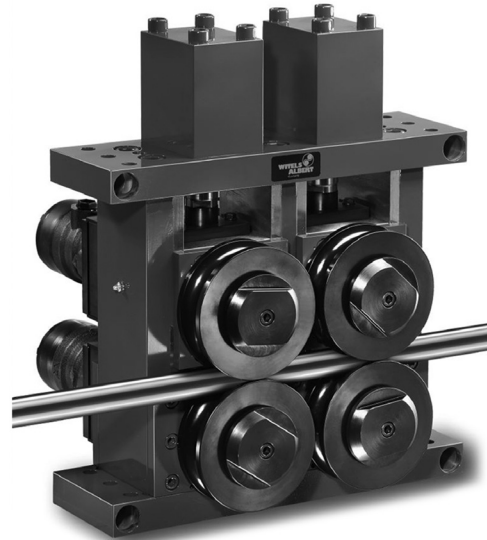
- Hydraulic Clamping
- Pneumatic Drive to adjust belt tension
- One radius groove per roll as standard
- Second groove possible depending on material size



NADV	Wire Diameter Ranges (mm) Ø
mm	7 - 40
Order Ref.	NADV 160 - 100
A	400
B	20
C	110
D	160
E	100
F	40
G	440
H	390
I	124
J	17.5
K	229
L	555
M	802
N	255
O	22
P	180
i	0.66
Kg	196
P (bar)	65
M (Nm)	600
F ^T (kN)	5

NADH - Heavy Duty Drive Unit for Larger Diameters

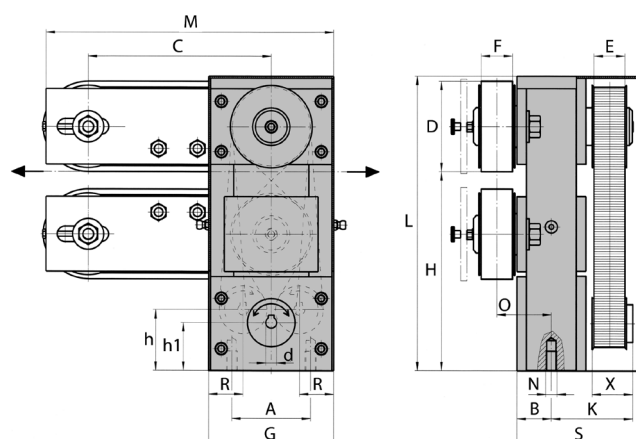
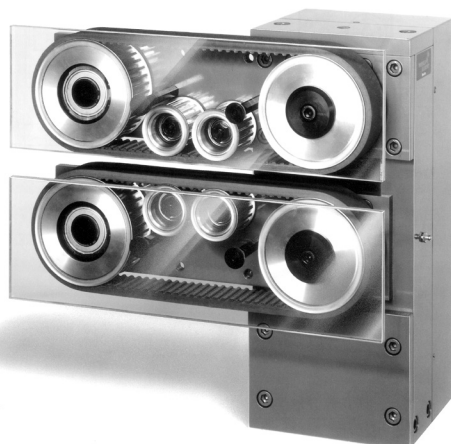
- Hydraulic Clamping
- Direct Drive with Hydraulic Motors & Couplings
- One radius groove per roll as standard
- Second groove possible depending on material size



NADH	Wire Diameter Ranges (mm) Ø
mm	15 - 40
Order Ref.	NADH 160
A	424
B	25
C	170
D	160
E	20
F	52
G	500
H	180
J	22
K	20
L	440
M	591
N	17.5
O	103
P	40
S	75
T	273
Kg	270
P (bar)	100
M (Nm)	1000
F ^T (kN)	12.5

NAK - Caterpillar Unit

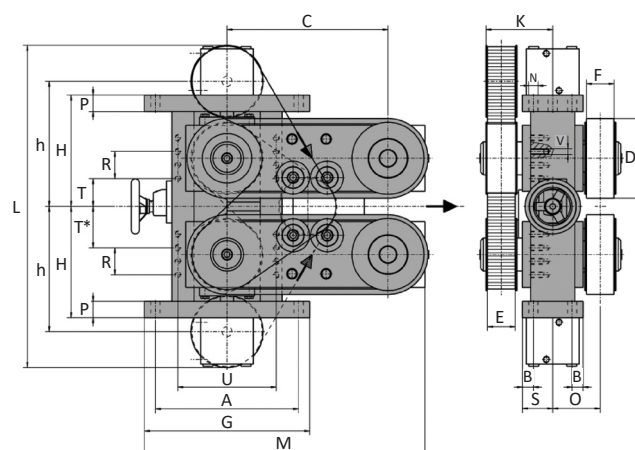
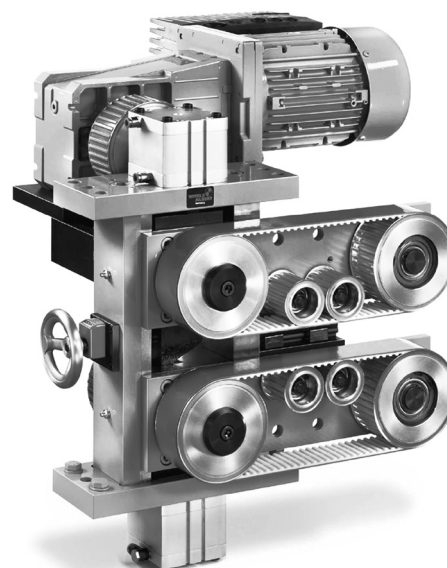
- Pneumatic Clamping



NAK	Wire Diameter Ranges (mm) Ø		
mm	1 - 10	10 - 25	25 - 40
Order Ref.	NAK 60	NAK 100	NAK 160
A	90	130	160
B	37.5	42	55
C	161	195	290
D	61	100	145
E	16	25	50
F	16	25	50
G	120	170	200
H	169.5	225	318
K	76.5	98	131
L	242	340	470
M	252	318	460
N	M12	M16	M20
O	53	65	86
R	38	49	55
h	80	88	97
h1	66	78	164
i	1.28	1.35	1.6
X	27	40	66
S	125	143.5	196.5
Kg	18	40	94
P (bar)	6	6	6
M (Nm)	7	25	80
F ^T (kN)	0.25	0.62	1.6

NAKZ - Heavy Duty Caterpillar Unit

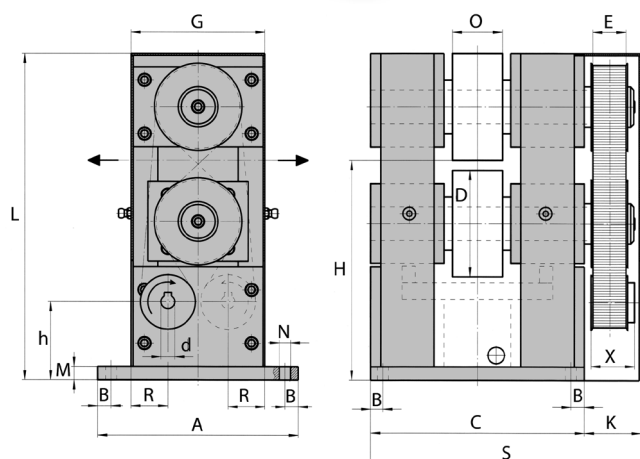
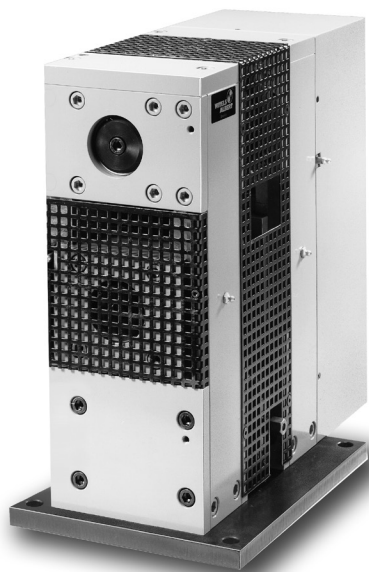
- Pneumatic Clamping



NAKZ	Wire Diameter Ranges (mm) Ø	
mm	0.6 - 15	0.6 - 40
Order Ref.	NAK 60Z	NAK 160Z
A	150	260
B	15	20
C	160	290
D	61	133.5
E / F	25 / 16	50
G	180	300
H	102.5	202.5
K	75.5	121
L	327	585
M	282	510
N	13	17.5
O	53	86.5
P	20	30
R	30	38
S	40	55
T / T*	15.5 / 30.5	58.5 / 78.5
U	100	178
V	M8	M12
h	100	227.5
i	1	1
Kg	19	100
P (bar)	6	6
M (Nm)	15	180
F ^T (kN)	0.5	2.5

NAB - Drive Units for Strip

- Hydraulic Clamping
- Rollers supported on both sides to minimise edge bow

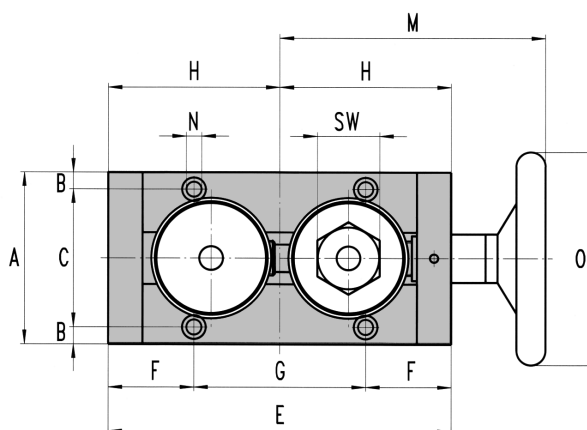
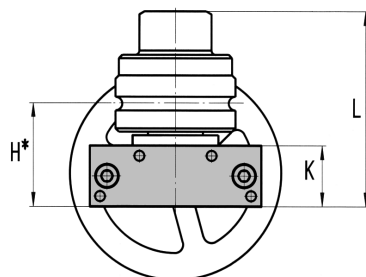
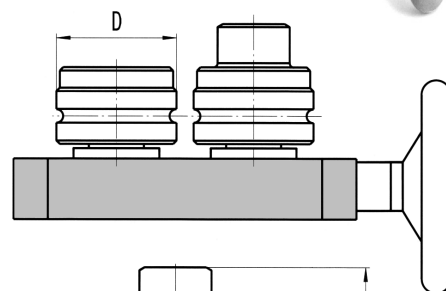


NAB	Strip Size Range (mm) □	
Width	10 - 50	40 - 80
Thickness	1.0 - 2.0	2.0 - 5.0
Order Ref.	NAB 100	NAB 160
A	250	300
B	15	20
C	232	322
D	100	160
E	25	50
G	170	200
H	245	330
K	56	75
L	360	490
M	20	20
N	13	17
O	50	100
R	49	55
S	289.5	405
X	40	66
h	108	117
i	1.35	1.6
Kg	79	180
P (bar)	6/25	6/45
M (Nm)	25	80
F ^T (kN)	0.62	1.6

Note: Custom sizes are available

DEV - Transport Rolls

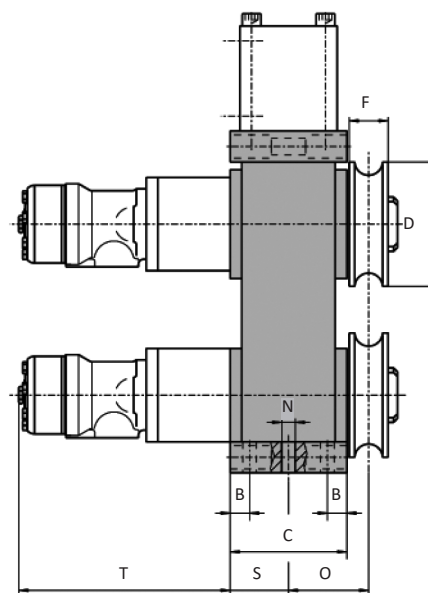
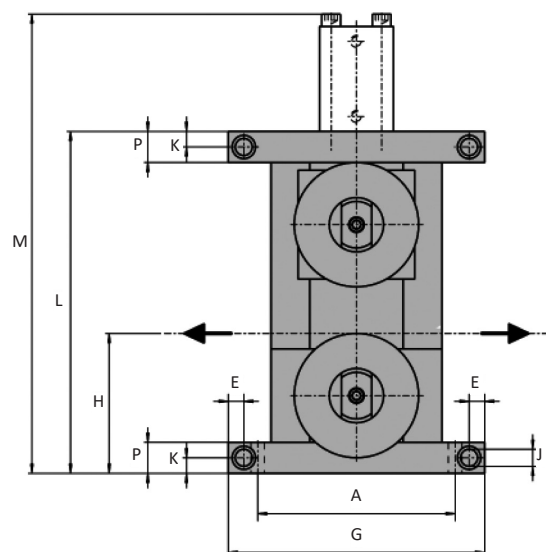
- With manual ratchet nut to drive roller in forward direction



DEV	Wire Diameter Ranges (mm) Ø		
Order Ref.	1 - 3	3 - 8	8 - 12
DEV 3	DEV 3	DEV 8	DEV 12
A	82	100	120
B	12.5	10	15
C	57	80	90
D	41	70	120
E	137	200	300
F	36	50	50
G	65	100	200
H	68.5	100	150
H*	50.5	70	95
K	30	45	50
L	93	123.5	165
M	122.5	160	180
N	6.6	9	13
O	100	125	36mm HexNut
SW	24	36	36
Kg	4	8.5	23

NAH - Heavy Duty Transport Rolls

- Hydraulic Clamping
- Direct Drive with Hydraulic Motors & Couplings
- One radius groove per roll as standard
- Second groove possible depending on material size



NAH	Wire Diameter Ranges (mm) Ø
mm	15 - 40
Order Ref.	NAH 160
A	254
B	25
C	150
D	160
E	20
F	52
G	330
H	180
J	22
K	20
L	440
M	591
N	17.5
O	103
P	40
S	75
T	273
Kg	150
P (bar)	100
M (Nm)	1000
F ^T (kN)	6